USDA United States Department of Agriculture

Natural Resources Conservation Service

Montana Water Supply Outlook Report May 1, 2007

Picture: Black Bear SNOTEL Site - Winter of 1997

Water Supply Outlook Report
and
Federal - State - Private
Cooperative Snow Surveys

For more water supply and resource management information, contact:

See Attached List

How forecasts are made

Most of the annual streamflow in the Western United States originates as snowfall that has accumulated high in the mountains during winter and early spring. As the snowpack accumulates, hydrologists estimate the runoff that will occur when it melts. Predictions are based on careful measurements of snow water equivalent at selected index points. Precipitation, temperature, soil moisture and antecedent streamflow data are combined with snowpack data to prepare runoff forecasts. Streamflow forecasts are coordinated by Natural Resources Conservation Service and National Weather Service hydrologists. This report presents a comprehensive picture of water supply conditions for areas dependent upon surface runoff. It includes selected streamflow forecasts, summarized snowpack and precipitation data, reservoir storage data, and narratives describing current conditions.

Snowpack data are obtained by using a combination of manual and automated SNOTEL measurement methods. Manual readings of snow depth and water equivalent are taken at locations called snow courses on a monthly or semi-monthly schedule during the winter. In addition, snow water equivalent, precipitation and temperature are monitored on a daily basis and transmitted via meteor burst telemetry to central data collection facilities. Both monthly and daily data are used to project snowmelt runoff.

Forecast uncertainty originates from two sources: (1) uncertainty of future hydrologic and climatic conditions, and (2) error in the forecasting procedure. To express the uncertainty in the most probable forecast, four additional forecasts are provided. The actual streamflow can be expected to exceed the most probable forecast 50% of the time. Similarly, the actual streamflow volume can be expected to exceed the 90% forecast volume 90% of the time. The same is true for the 70%, 30%, and 10% forecasts. Generally, the 90% and 70% forecasts reflect drier than normal hydrologic and climatic conditions; the 30% and 10% forecasts reflect wetter than normal conditions. As the forecast season progresses, a greater portion of the future hydrologic and climatic uncertainty will become known and the additional forecasts will move closer to the most probable forecast.

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Where to Get More Information

This contact list provides you with the names and phone numbers of individuals who can provide more detailed snow survey information for each county.

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Missoula County
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Park County
Ron Hoagland
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Petroleum County
Nikki Rife
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Pondera County
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Powder River County
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Yellowstone County
Valerie Roberson
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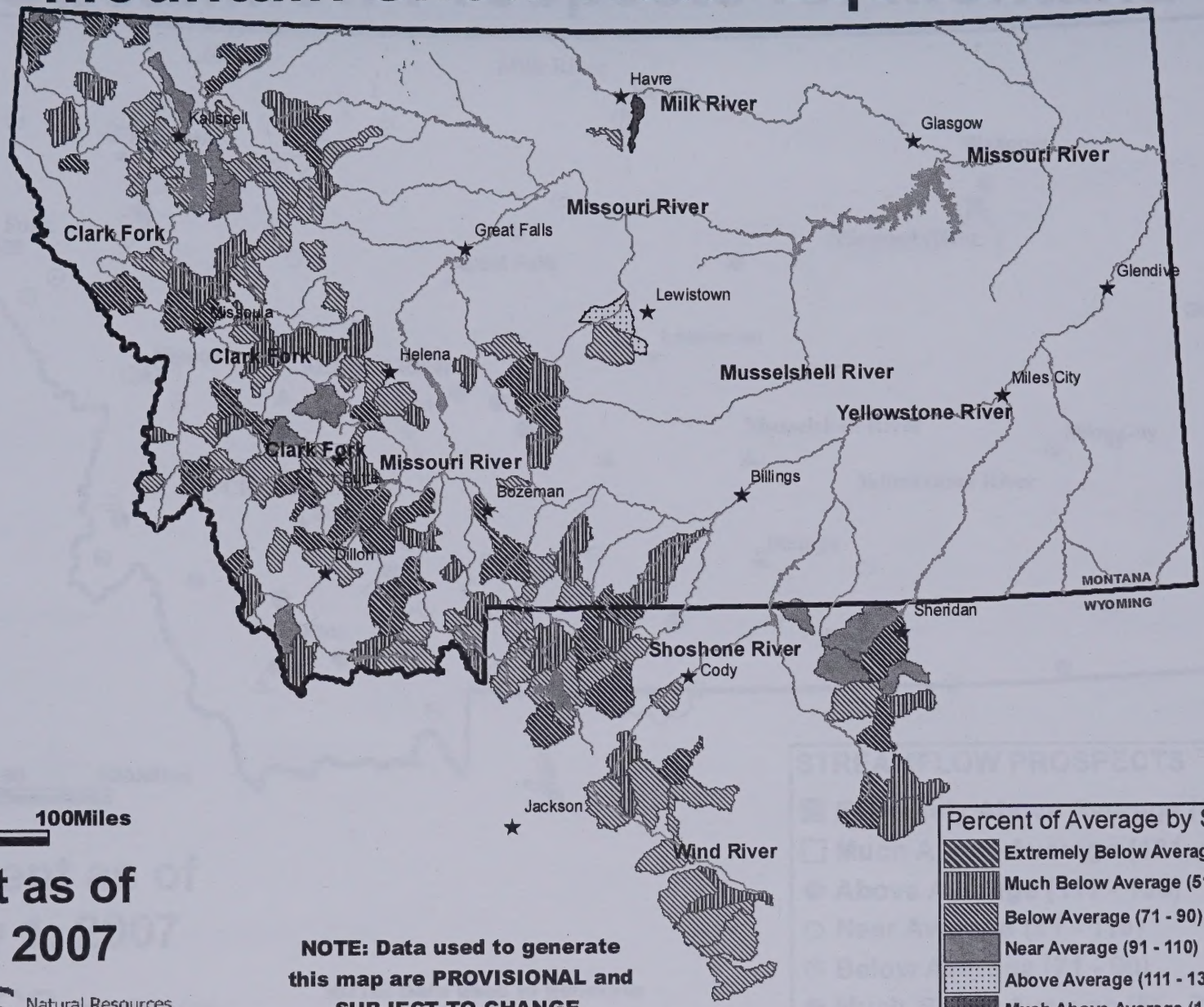
1/8/06

UNITED STATES DEPARTMENT OF AGRICULTURE

NATURAL RESOURCES CONSERVATION SERVICE

Mountain Snow Water Equivalent

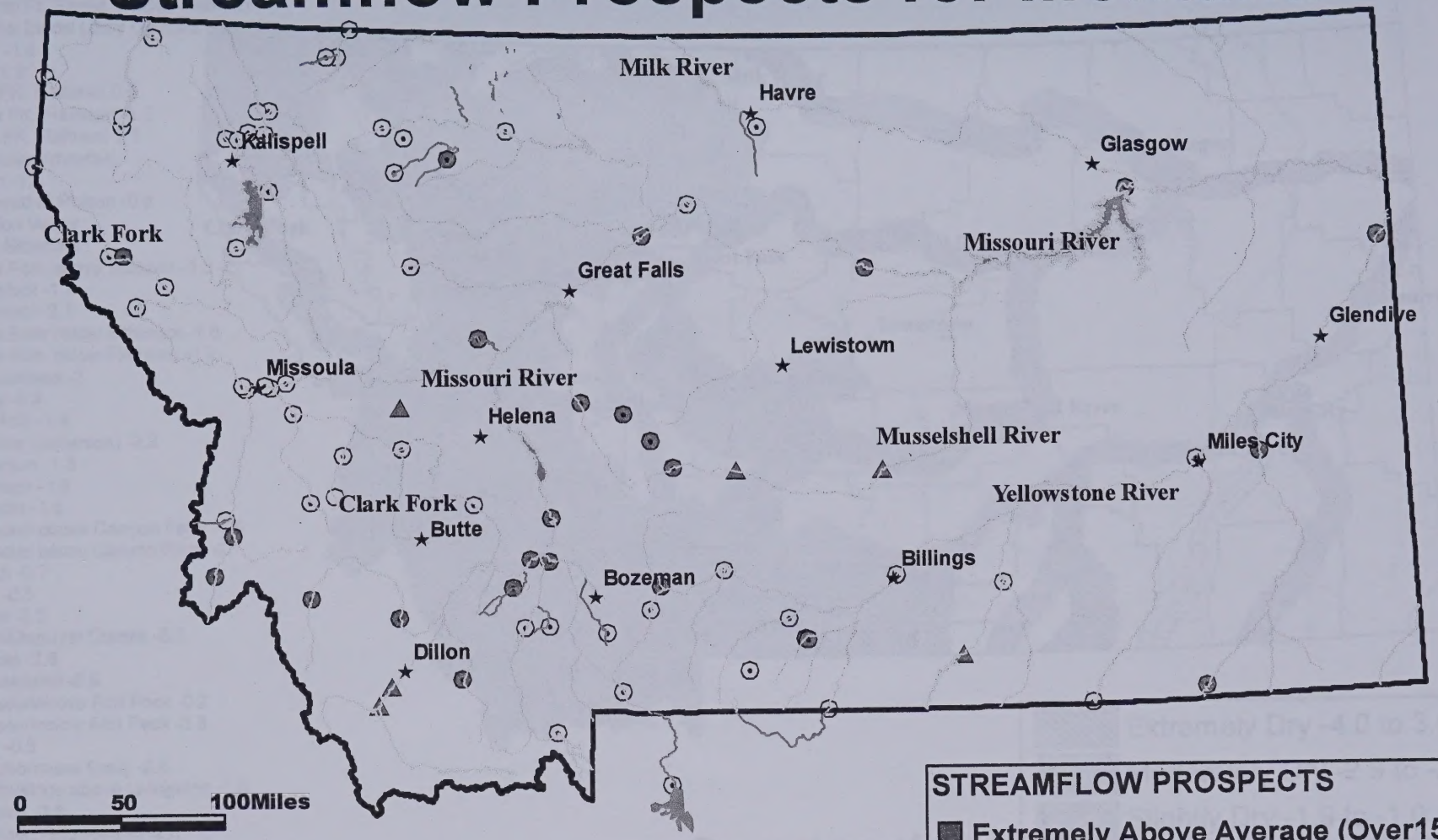


Mountain Snow Water Equivalent

UNITED STATES DEPARTMENT OF AGRICULTURE

NATURAL RESOURCES CONSERVATION SERVICE

Streamflow Prospects for Montana



Current as of May 1, 2007

NRCS Natural Resources Conservation Service

http://www.mt.nrcs.usda.gov

NOTE: Data used to generate this map are PROVISIONAL and SUBJECT TO CHANGE.

STREAMFLOW PROSPECTS

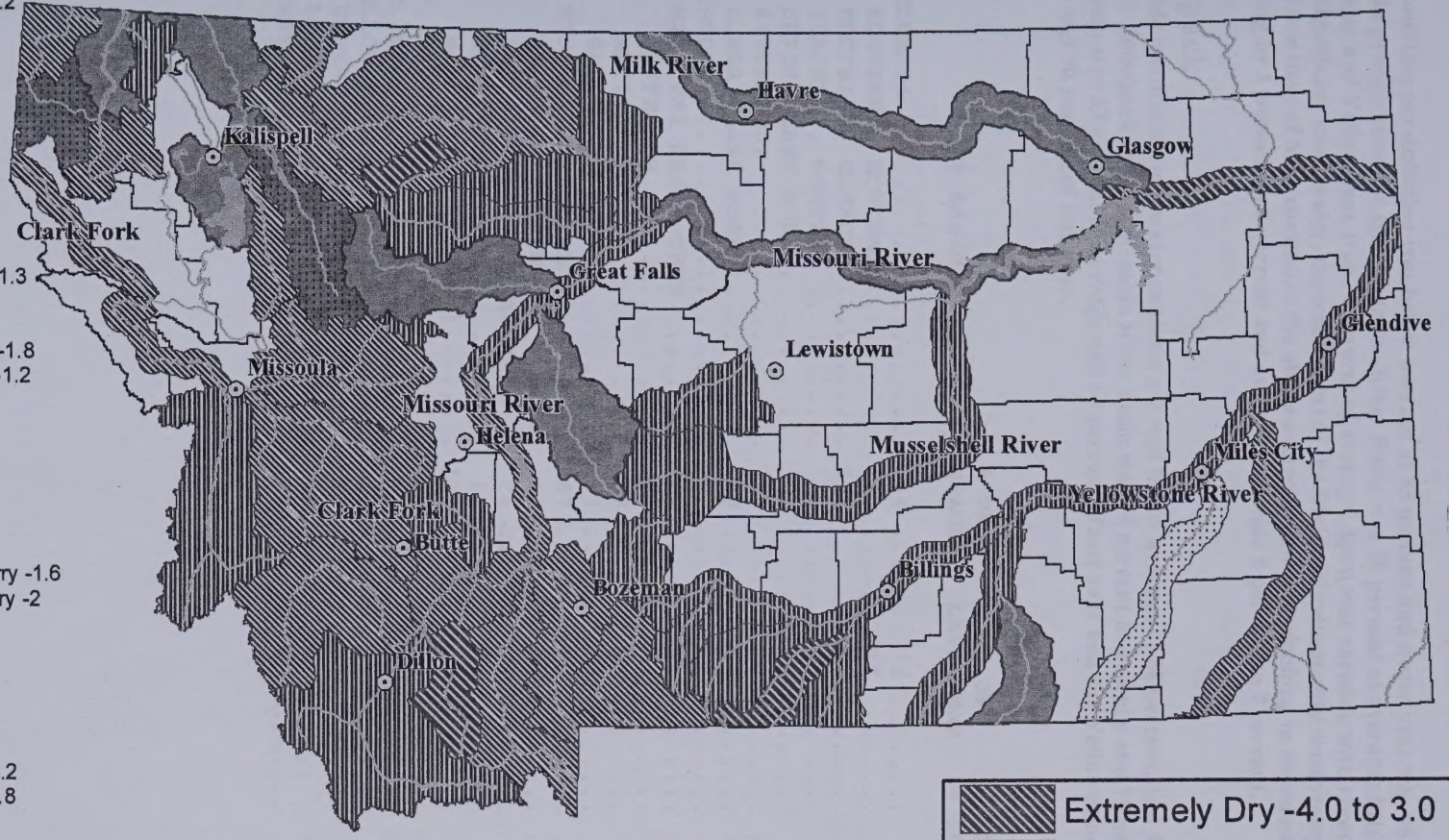
- Extremely Above Average (Over150)
- Much Above Average (131 - 150)
- Above Average (111 - 130)
- Near Average (91 - 110)
- Below Average (71 - 90)
- Much Below Average (51 - 70)
- Extremely Below Average (Below 51)

Surface Water Supply Index (SWSI) Values

UNITED STATES DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE

RIVER INDEX & SWSI VALUES

1 Marias above Tiber Reservoir -1.8
2 Tobacco -2.3
3 Kootenai Ft. Steele to Libby Dam 0.7
4 Kootenai below Libby Dam 2.2
5 Fisher -1.8
6 Yaak -1.9
7 North FK. Flathead 0.6
8 Middle FK. Flathead -1.2
9 South FK. Flathead 2.3
11 Stillwater/Whitefish
12 Swan -1.5
13 Flathead at Polson -0.8
14 Mission Valley
15 Little Bitterroot
16 Clark Fork above Milltown -1.3
17 Blackfoot -1.7
19 Bitterroot -2.1
20 Clark Fork below Bitterroot -1.8
21 Clark Fork below Flathead -1.2
22 Beaverhead -2
23 Ruby -3.4
24 Big Hole -1.4
25 Boulder (Jefferson) -2.2
26 Jefferson -1.3
27 Madison -1.6
28 Gallatin -1.6
29 Missouri above Canyon Ferry -1.6
30 Missouri below Canyon Ferry -2
31 Smith -0.7
32 Sun -0.5
33 Teton -2.3
34 Birch/Dupuyer Creeks -3.5
35 Marias -2.6
36 Musselshell -2.9
37 Missouriabove Fort Peck -0.2
38 Missouribelow Fort Peck -3.8
39 Milk -0.3
40 Dearbornnear Craig -2.6
41 Yellowstone above Livingston -1.9
42 Shields -2.6
43 Boulder(Yellowstone) -2.5
44 Stillwater -2.3
45 Rock/Red Lodge Creeks -3.5
46 Clarks Fork -2.1
47 Yellowstone above Bighorn -2.1
48 Bighorn below Bighorn Lake -2.1
49 Little Bighorn -0.1
50 Yellowstone below Bighorn -2.1
51 Tongue 1.8
52 Powder -1.5
53 Upper Judith River -2.4
54 Saint Mary River -1.1



0 45 90 Miles

NOTE: Data used to generate this map are PROVISIONAL and SUBJECT TO CHANGE.

Current as of May 1, 2007

NRCS Natural Resources Conservation Service

http://www.mt.nrcs.usda.gov

- Extremely Dry -4.0 to 3.0
- Moderately Dry -2.9 to -2.0
- Slightly Dry -1.9 to -1.0
- Near Average -0.9 to 0.9
- Sightly Wet 1.0 to 1.9
- Moderately Wet 2.0 to 2.9
- Extremely Wet 3.0 to 4.0
- SWSI Not Apllicable

Montana Water Supply Outlook Report as of May 1, 2007

April mountain precipitation was below average at 83 percent and water year was 96 percent of average. April mountain precipitation for the Columbia River Basin was 78 percent of average; Missouri River Basin was 86 percent of average; and Yellowstone was 74 percent of average. April was variable with record high temperatures and storms adding significant snow water, especially west of the Divide. Unseasonably warm temperatures at the end of April and the first two days of May continued the above average snowmelt resulting in the snowpack west of the Divide decreasing by 1 percent to 3 percent and east of the Divide 5 percent to 7 percent.

Snowpack

State-wide mountain snow water contents are well below average at 68 percent, and 70 percent of those on May first last year. Snowpack in the Columbia River basin was 74 percent of average and 75 percent of last year, the Missouri River basin was 63 percent of average and 64 percent of last year and the Yellowstone River basin was 63 percent of average and 90 percent of last year.

RIVER BASIN	% OF AVERAGE	% OF LAST YEAR	APRIL % CHANGE
COLUMBIA	74	75	-1
KOOTENAI, MONTANA	81	77	-4
KOOTENAI, CANADA	108	114	+3
FLATHEAD, MONTANA	77	79	+4
UPPER CLARK FORK	72	75	+1
BITTERROOT	57	56	-13
LOWER CLARK FORK	69	65	-10
MISSOURI	63	64	-3
MISSOURI HEADWATERS	62	59	-4
JEFFERSON	66	61	-1
MADISON	58	57	-6
GALLATIN	63	63	-4
MISSOURI MAINSTEM	67	76	-1
HEADWATERS MAINSTEM	63	63	-12
SMITH-JUDITH-MUSSELSHELL	74	77	+5
SUN-TETON-MARIAS	61	79	-6
MILK (Bearpaw Mtns)	173	--	--
ST. MARY	75	89	-10
ST. MARY & MILK	76	93	+13
YELLOWSTONE	63	90	-6
UPPER YELLOWSTONE	62	75	-3
LOWER YELLOWSTONE	64	108	-10
STATE-WIDE	68	70	-2

Precipitation

April, mountain and valley, precipitation across the state was 93 percent of average and 71 percent of last year, while the water year precipitation was 100 percent of average and 90 percent of last year. West of the Divide, April mountain and valley precipitation was 81 percent of average and 68 percent of last year and the water year precipitation was 102 percent of average and 96 percent of last year. East of the Divide, April mountain and valley precipitation was 100 percent of average and 72 percent of last year and the water year precipitation was 98 percent of average and 85 percent of last year.

RIVER BASIN	APRIL % OF AVERAGE	WATER YEAR % OF AVERAGE
COLUMBIA	81	102
KOOTENAI	72	112
FLATHEAD	92	102
UPPER CLARK FORK	84	98
BITTERROOT	78	97
LOWER CLARK FORK	53	102
MISSOURI	95	95
JEFFERSON	84	94
MADISON	86	87
GALLATIN	94	90
MISSOURI MAINSTEM	101	99
SMITH-JUDITH-MUSSELSHELL	100	108
SUN-TETON-MARIAS	105	98
MILK	188	135
ST. MARY	77	111
YELLOWSTONE	90	93
UPPER YELLOWSTONE	103	94
LOWER YELLOWSTONE	79	93
STATE-WIDE	93	100

Reservoirs

Major reservoir storage state-wide was 83 percent of average and 95 percent of last year. Reservoir storage west of the Divide was 139 percent of average and 92 percent of last year. East of the Divide, reservoir storages were 68 percent of average and 97 percent of last year.

RIVER BASIN	% OF AVERAGE	% OF LAST YEAR
COLUMBIA	139	92
KOOTENAI	152	78
FLATHEAD	132	106
UPPER CLARK FORK	108	96
BITTERROOT	153	109
LOWER CLARK FORK	117	102
MISSOURI	66	96
JEFFERSON	97	107
MADISON	110	105
GALLATIN	157	126
MISSOURI MAINSTEM	63	96
SMITH-JUDITH-MUSSELSHELL	77	91
SUN-TETON-MARIAS	98	94
MILK	112	102
ST. MARY	70	104
YELLOWSTONE	104	104
UPPER YELLOWSTONE	96	94
LOWER YELLOWSTONE	104	104
STATE-WIDE	83	95

Streamflow

Seasonal Streamflow Forecasts

State-wide, streamflows are forecast to average 62 and 74 percent. West of the Divide, streamflows are forecast to average 72 and 81 percent and east of the Divide, streamflows are forecast to average 54 and 69 percent of average.

Having below average May 1 snowpack and higher than average snowmelt, low flows can be anticipated in mid to late summer. Streams and rivers without storage could be affected earlier than those with lake and reservoir storage.

Below are River Basin streamflow forecast summaries for the period May 1 through July 31. THESE FORECASTS ASSUME NEAR NORMAL SPRING CONDITIONS AND DO NOT ACCOUNT FOR WELL BELOW AVERAGE (70% or less) OR WELL ABOVE AVERAGE (130% or more) SNOWMELT OR SPRING RAIN. Specific forecast probabilities are available in each individual River Basin Report.

RIVER BASIN	May-July THIS YEAR % OF AVERAGE	May-July LAST YEAR % OF AVERAGE
COLUMBIA	72 to 81	85 to 95
KOOTENAI	86 to 94	85 to 94
FLATHEAD	76 to 83	83 to 92
UPPER CLARK FORK	65 to 78	81 to 96
BITTERROOT	67 to 74	96 to 105
LOWER CLARK FORK	70 to 77	86 to 93
MISSOURI	51 to 67	75 to 94
JEFFERSON	37 to 55	75 to 97
MADISON	67 to 74	101 to 108
GALLATIN	70 to 78	98 to 106
MISSOURI MAINSTEM	54 to 68	89 to 103
SMITH-JUDITH-MUSSELSHELL	35 to 57	81 to 101
SUN-TETON-MARIAS	59 to 76	57 to 76
MILK	65 to 82	53 to 82
ST. MARY	82 to 88	85 to 91
YELLOWSTONE	63 to 75	74 to 85
UPPER YELLOWSTONE	67 to 78	87 to 97
LOWER YELLOWSTONE	56 to 70	54 to 68
STATE-WIDE	62 to 74	78 to 92

NOTE: The MAY-JULY LAST YEAR % OF AVERAGE column above is last years forecasts on May 1, NOT of what actually occurred.

Snowmelt Peak Streamflow Forecasts

Snowmelt Peak Streamflow Forecasts based on May 1 data.

Peak Streamflow Forecast Dates For Unregulated Streams Are As Follows:

WATERSHED	PEAK FLOW DATES
COLUMBIA RIVER BASIN	
COLUMBIA RIVER BASIN	
Tobacco River near Eureka	May 8 to May 15
Fisher River near Libby	May 1 to May 8
Yaak River near Troy	May 6 to May 10
North Fork Flathead River near Columbia Falls	May 9 to May 16
Middle Fork Flathead River near West Glacier	May 7 to May 14
South Fork Flathead above Twin Ck near Hungry Horse	May 7 to May 18
Lower Willow Reservoir inflow	May 8 to May 13
Swan River near Big Fork	May 11 to May 18
Blackfoot River near Bonner	May 5 to May 11
Clark Fork above Missoula	May 9 to May 16
Clark Fork below Missoula	May 9 to May 16
Bitterroot River near Darby	May 10 to May 17
Nevada Creek near Finn	May 6 to May 13
Middle Fork Rock Creek	May 10 to May 17
Clark Fork at St. Regis	May 10 to May 15
MISSOURI RIVER BASIN	
Clark Canyon Res. inflow	May 14 to May 20
Ruby Res. inflow	May 8 to May 15
Big Hole near Melrose	May 10 to May 16
Madison River near West Yellowstone	May 6 to May 13
Hebgen Res. inflow	May 9 to May 15
Gallatin River near Gateway	May 22 to May 31
Gallatin near Logan	May 23 to June 3
Hyalite Reservoir Inflow	May 21 to May 28
Willow Creek near Harrison	May 16 to May 23
Boulder River near Boulder	May 7 to May 14
Missouri at Toston	May 23 to June 1
Sheep Creek near White Sulphur Springs	May 9 to May 16
Smith River below Eagle Creek near Fort Logan	May 9 to May 16
Musselshell River near Harlowton	May 13 to May 21
Gibson Reservoir inflow	May 9 to May 16
Cut Bank Creek near Browning	May 13 to May 20
Two Medicine River below SF near Browning	May 9 to May 16
Marias Rive near Shelby	May 8 to May 15
St. Mary River at International Boundary	May 16 to May 22
Swift Reservoir inflow	May 12 to May 19
YELLOWSTONE RIVER BASIN	
Yellowstone River at Lake Outlet	June 5 to June 16
Yellowstone River at Corwin Springs	May 18 to May 26
Yellowstone River at Livingston	May 18 to May 26
Shields River near Livingston	May 8 to May 14
Boulder River near Big Timber	May 18 to May 26
Stillwater River near Absarokee	May 18 to May 26
Cooney Reservoir Inflow	May 11 to May 20
Clarks Fork of Yellowstone near Belfry	May 18 to May 26
Yellowstone River at Billings	May 19 to May 27
Tongue River at Stateline near Decker	May 11 to May 18

Peak Streamflow Forecasts (continued)

Peak volume forecasts are computed using May 1 streamflow forecasts.

	PEAK RANGE IN	PEAK RANGE AS PERCENT OF	AVERAGE DAILY PEAK
COLUMBIA RIVER			
Tobacco R. nr Eureka....	850 to 1,350	61 to 97	1,388
Fisher Creek nr Libby...	750 to 2,250	32 to 96	2,334
Yaak River nr Troy	3,900 to 7,200	67 to 123	5,859
Blackfoot near Bonner...	4,300 to 7,600	51 to 89	8,512
Little Blackfoot near Garrison.....	350 to 700	31 to 63	1,115
Clark Fork ab Missoula..	7,250 to 12,250	49 to 83	14,698
Bitterroot near Darby ..	2,600 to 3,900	48 to 72	5,454
Clark Fork blw Missoula	12,500 to 24,500	44 to 86	28,482
Clark Fork at St. Regis	16,000 to 32,000	44 to 89	35,987
North Fork Flathead nr Columbia Falls	14,000 to 24,000	71 to 121	19,788
Middle Fork Flathead nr West Glacier	12,000 to 18,500	63 to 97	19,126
Stillwater nr Whitefish.	850 to 1,550	51 to 93	1,673
Inflow L. Willow Cr. Res. nr Phillipsburg	50 to 135	23 to 63	214
Swan at Big Fork.....	3,300 to 4,900	67 to 99	4,929
Nevada Creek near Finn..	60 to 160	20 to 53	301
Middle Fork Rock Creek near Philipsburg.....	450 to 740	55 to 90	821
Thompson River near Thompson Falls.....	800 to 1,500	39 to 73	2,047
Prospect Creek at Thompson Falls.....	600 to 1,150	49 to 94	1,219
MISSOURI RIVER			
Big Hole at Wisdom.....	350 to 1,300	22 to 83	1,566
Big Hole near Melrose ..	2,300 to 5,500	32 to 77	7,139
Inflow Clark Canyon Dam.	100 to 600	8 to 50	1,191
Inflow Ruby Reservoir ..	300 to 700	28 to 66	1,055
Inflow Middle Creek Reservoir.....	140 to 240	53 to 92	262
Gallatin near Gateway ..	2,850 to 4,250	54 to 81	5,232
Gallatin near Logan	2,100 to 4,300	38 to 79	5,468
Boulder R. near Boulder..	420 to 760	36 to 64	1,183
Jefferson nr Three Forks.	2,000 to 3,800	21 to 39	9,626
Missouri at Toston	7,000 to 12,500	38 to 69	18,209
Badger Cr. nr Browning..	700 to 1,400	41 to 83	1,691
Two Medicine River near Browning.....	1,300 to 2,150	34 to 56	3,838
Marias near Shelby	2,000 to 4,400	29 to 63	6,980
Inflow Gibson Reservoir..	3,600 to 6,300	47 to 82	7,697
Sheep Creek near White Sulphur Springs	75 to 145	39 to 76	190
S. Fk. Musselshell above Martinsdale	125 to 600	11 to 53	1,133
N. Fk. Musselshell Near Delpine.....	8 to 40	16 to 82	49
Musselshell at Harlowton	100 to 300	8 to 23	1,293
Dearborn R. nr Craig ...	500 to 1,000	29 to 59	1,697
SASKATCHEWAN RIVER			
Lake Sherburne Inflow ..	800 to 1,375	47 to 81	1,694
St. Mary at US Border ...	3,200 to 5,150	76 to 123	4,188

Peak Streamflow Forecasts (continued)

YELLOWSTONE RIVER									
Yellowstone Lake outlet.	2,600	to	4,200	.....	47	to	77	.....	5,487
Yellowstone at Corwin Springs	10,500	to	16,000	.....	60	to	91	.....	17,570
Yellowstone at Livingston	12,000	to	19,000	.....	59	to	93	.....	20,364
Shields R. nr Livingston	400	to	900	.....	21	to	46	.....	1,940
Boulder near Big Timber	2,400	to	4,200	.....	48	to	83	.....	5,051
Stillwater nr Absarokee	3,100	to	5,200	.....	51	to	85	.....	6,129
Mystic Lake Inflow.....	540	to	870	.....	57	to	92	.....	948
Inflow Cooney Reservoir.	250	to	750	.....	30	to	90	.....	831
Clarks Fork near Belfry	4,400	to	7,300	.....	58	to	97	.....	7,554
Yellowstone at Billings	21,000	to	35,000	.....	50	to	84	.....	41,617
L. Bighorn nr Hardin....	720	to	1,500	.....	38	to	79	.....	1,895
Tongue River at State Line Near Decker	1,900	to	3,700	.....	59	to	116	.....	3,199
Powder R. at Moorehead..	700	to	3,100	.....	16	to	71	.....	4,374

Provisional data, values and are subject to revision.

NOTE: The low number in the flow range represents the maximum daily flow that would be expected to occur with little rainfall during the peak snowmelt period. The high number in the flow range could be expected with moderate amounts of rain about the same time as maximum snowmelt runoff is occurring.

SNOTEL AND SNOW COURSE SUMMARY

MAY 2007

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
ABE LINCOLN	4440	4/24/07	26	11.8	15.1	14.3
ABUNDANCE LAKE	8800	4/26/07	50	16.5	22.7	22.9
ALBRO LAKE SNOTEL	8300	5/01/07	45	17.3	20.5	23.3
AMBROSE	6480	5/02/07	21	8.2	11.5	11.1
ARCH FALLS	7350	4/30/07	27	9.8	10.2	13.1
ASHLEY DIVIDE	4820	5/01/07	0	.0	.0	1.1
ASHLEY LAKE	4000	5/01/07	0	.0	.0	1.2
BADGER PASS SNOTEL	6900	5/01/07	63	30.8	32.6	36.2
BANFIELD MTN SNOTEL	5600	5/01/07	22	9.7	12.2	17.1
BAREE CREEK	5500	4/26/07	62	28.5	41.8	40.3
BAREE MIDWAY	4600	4/26/07	46	21.1	31.5	27.4
BAREE TRAIL	3800	4/26/07	0	.0	5.8	1.3
BARKER LAKES SNOTEL	8250	5/01/07	42	16.0	17.2	16.2
BASIN CREEK SNOTEL	7180	5/01/07	20	7.4	11.5	10.0
BASSOO PEAK	5150	4/27/07	0	.0	2.7	3.2
BEAGLE SPGS SNOTEL	8850	5/01/07	12	4.1	8.1	9.3
BEAR BASIN	8150	4/26/07	43	15.0	24.4	21.2
BEAVER CREEK SNOTEL	7850	5/01/07	33	11.6	21.9	18.8
BIG SNOWY	7150	4/30/07	59	23.7	25.4	22.5
BISSON CREEK SNOTEL	4920	5/01/07	4	.9	3.9	3.6
BLACK BEAR SNOTEL	7950	5/01/07	64	28.7	57.8	39.9
BLACK MOUNTAIN	7750	4/27/07	49	17.6	19.0	16.9
BLACK PINE SNOTEL	7100	5/01/07	14	4.3	8.5	11.0
BLACKTAIL	5650	5/01/07	5	2.2	7.9	9.7
BLOODY DICK SNOTEL	7550	5/01/07	14	5.6	9.2	10.9
BLUE LAKE	5900	4/26/07	37	16.4	14.9	22.4
BOTS SOTS	7750	4/26/07	11	3.4	.5	7.4
BOULDER MTN SNOTEL	7950	5/01/07	47	15.6	23.6	21.6
BOX CANYON SNOTEL	6700	5/01/07	0	.0	.0	6.0
BOXELDER CREEK	5100	4/24/07	20	7.1	.9	2.6
BRACKETT CR SNOTEL	7320	5/01/07	26	11.2	20.6	21.5
BRANHAM LAKES	8850	4/27/07	66	26.2	37.7	32.2
BRUSH CREEK TIMBER	5000	4/30/07	0	.0	2.2	3.6
BULL MOUNTAIN	6600	4/27/07	0	.0	.6	2.6
BURNT MTN SNOTEL	5880	5/01/07	0	.0	.0	1.0
CABIN CREEK	5200	4/25/07	0	.0	.2	1.4
CALL ROAD	8050	4/26/07	33	9.6	10.9	12.5
CALVERT CR SNOTEL	6430	5/01/07	0	.0	.0	2.4
CAMP SENIA	7890	4/26/07	16	4.8	3.8	7.6
CARROT BASIN SNOTEL	9000	5/01/07	57	20.4	33.5	31.0
CARTER CREEK	7400	4/30/07	0	.0	3.9	6.0
CHESSMAN RESERVOIR	6200	4/27/07	0	.0	.5	1.7
CHICKEN CREEK	4060	4/24/07	21	8.1	10.2	5.4
CLOVER MDW SNOTEL	8800	5/01/07	48	16.8	17.6	19.4
COLE CREEK SNOTEL	7850	5/01/07	40	13.0	11.8	19.7
COLLEY CREEK	6300	4/27/07	0	.0	.0	4.3
COMBINATION SNOTEL	5600	5/01/07	0	.0	.0	1.2
COPPER BOTTOM SNOTEL	5200	5/01/07	0	.0	.0	4.5
COPPER CAMP SNOTEL	6950	5/01/07	73	37.1	42.9	--
COPPER MOUNTAIN	7700	4/27/07	25	6.7	14.2	10.0
COTTONWOOD CREEK	6400	4/27/07	20	6.5	8.2	7.3
COYOTE HILL	4200	5/01/07	0	.0	.0	2.6
CRYSTAL LAKE SNOTEL	6050	5/01/07	30	13.2	15.8	9.4
DAD CREEK LAKE	8400	4/26/07	50	16.0	19.9	16.8
DAISY PEAK SNOTEL	7600	5/01/07	21	7.4	9.5	11.0
DALY CREEK SNOTEL	5780	5/01/07	0	.0	2.6	5.3
DARKHORSE LK. SNOTEL	8700	5/01/07	68	27.8	34.9	35.4
DAVIS CREEK	5400	4/26/07	48	22.8	25.0	20.2
DEADMAN CR SNOTEL	6450	5/01/07	0	.0	3.0	5.9

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
DISCOVERY BASIN	7050	5/01/07	26	9.5	9.5	9.4
DIVIDE SNOTEL	7800	5/01/07	21	6.9	13.1	12.0
DIX HILL	6400	4/29/07	0	.0	.0	3.8
DUPUYER CREEK SNOTEL	5750	5/01/07	5	.7	1.9	7.9
EAST FORK R.S.	5400	4/24/07	0	.0	.0	.7
ELK HORN SPRINGS	7800	4/26/07	12	2.6	10.1	7.5
ELK PEAK	8000	4/27/07	44	14.9	14.7	17.8
EMERY CREEK SNOTEL	4350	5/01/07	0	.0	.7	7.4
FATTY CREEK	5500	4/26/07	50	20.8	25.3	23.4
FISH CREEK	8000	5/01/07	---	9.8E	13.6	11.5
FISHER CREEK SNOTEL	9100	5/01/07	87	32.4	44.5	37.8
FIVE-BULL	5700	5/01/07	0	.0	.0	2.0
FLATTOP MTN SNOTEL	6300	5/01/07	95	40.1	45.3	46.7
FLEECER RIDGE	7500	4/27/07	13	4.8	11.8	8.7
FOOLHEN	8280	4/26/07	43	14.2	20.6	17.7
FOUR MILE	6900	4/26/07	3	1.1	4.8	6.2
FOURTH OF JULY	3450	4/30/07	0	.0	.1	1.0
FREIGHT CREEK	6000	4/26/07	11	4.4	9.5	12.0
FROHNER MDWS SNOTEL	6480	5/01/07	6	2.3	5.8	6.5
GARVER CREEK SNOTEL	4250	5/01/07	0	.0	2.2	3.2
GOLD STONE	8100	4/26/07	37	12.8	16.1	17.7
GRASSHOPPER	7000	4/27/07	4	1.2	.0	4.0
GRAVE CRK SNOTEL	4300	5/01/07	3	1.6	4.2	7.0
GRIFFIN CR DIVIDE	5150	4/27/07	0	.0	2.2	4.9
HAND CREEK SNOTEL	5030	5/01/07	0	.0	1.7	6.8
HAWKINS LAKE SNOTEL	6450	5/01/07	64	29.2	28.4	28.9
HEBGEN DAM	6550	5/01/07	0	.0	8.4	6.6
HELL ROARING DIVIDE	5770	4/25/07	61	25.2	34.0	29.0
HERRIG JUNCTION	4850	4/24/07	51	23.8	23.8	22.9
HOLBROOK	4530	4/26/07	0	.0	.0	1.2
HOODOO BASIN SNOTEL	6050	5/01/07	77	33.9	48.7	45.7
ICEBERG LAKE NO 3	5600	4/27/07	52	26.3	25.2	27.7
INDEPENDENCE	7850	4/26/07	27	9.5	16.8	16.1
INTERGAARD	6450	4/29/07	8	2.3	3.2	6.1
JOHNSON PARK	6450	4/27/07	0	.0	.0	1.4
JOSEPHINE LOWER NO 9	4900	4/26/07	14	5.6	7.7	13.0
KRAFT CREEK SNOTEL	4750	5/01/07	0	.0	.0	5.2
LAKE CREEK	6100	4/26/07	0	.0	.0	2.7
LAKEVIEW CANYON	6930	5/03/07	1	.4	9.9	9.7
LAKEVIEW RDG. SNOTEL	7400	5/01/07	5	1.8	10.6	8.7
LEMHI RIDGE SNOTEL	8100	5/01/07	23	7.3	11.5	10.9
LICK CREEK SNOTEL	6860	5/01/07	24	8.8	6.1	10.1
LITTLE PARK	7400	4/30/07	18	6.6	15.8	15.9
LOGAN CREEK	4300	4/27/07	0	.0	1.6	1.7
LONE MOUNTAIN SNOTEL	8880	5/01/07	39	15.7	24.2	20.8
LOWER TWIN SNOTEL	7900	5/01/07	42	14.0	21.1	21.3
LUBRECHT SNOTEL	4680	5/01/07	0	.0	.0	.5
LUBRECHT FOREST NO 3	5450	5/01/07	0	.0	.0	1.7
LUBRECHT FOREST NO 4	4650	5/01/07	0	.0	.0	.1
LUBRECHT FOREST NO 6	4040	5/01/07	0	.0	.0	.0
LUBRECHT HYDROPLOT	4200	5/01/07	0	.0	.0	.1
MADISON PLT SNOTEL	7750	5/01/07	38	14.9	28.5	24.2
MANY GLACIER SNOTEL	4900	5/01/07	0	.0	.0	5.7
MARIAS PASS	5250	4/26/07	19	8.3	9.7	12.5
MIDDLE MILL CREEK	7850	4/27/07	29	10.8	18.5	15.1
MILL CREEK	7500	4/27/07	19	6.5	5.6	10.3
MINERAL CREEK	4000	4/28/07	0	.0	.0	9.6
MONUMENT PK SNOTEL	8850	5/01/07	45	16.6	25.1	23.2
MOSS PEAK SNOTEL	6780	5/01/07	93	41.3	46.2	41.8
MOULTON RESERVOIR	6850	5/01/07	---	.0E	7.9	3.5
MOUNT ALLEN NO 7	5700	4/26/07	69	27.0	36.6	41.7
MT LOCKHART SNOTEL	6400	5/01/07	30	14.6	15.6	21.2
MULE CREEK SNOTEL	8300	5/01/07	39	12.7	17.9	17.0
N.E. ENTRANCE SNOTEL	7350	5/01/07	0	.0	.0	7.1

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
NEVADA RIDGE SNOTEL	7020	5/01/07	23	8.9	13.4	14.4
NEW WORLD	6900	4/26/07	33	10.6	14.0	--
NEWTON MOUNTAIN	5600	5/01/07	---	27.7E	38.4	33.8
NEZ PERCE CMP SNOTEL	5650	5/01/07	10	3.4	10.1	10.8
NEZ PERCE CREEK	6600	4/27/07	0	.0	3.1	2.7
NEZ PERCE PASS	6570	5/01/07	---	4.0E	14.9	14.2
N.F. ELK CR SNOTEL	6250	5/01/07	19	7.1	8.3	8.0
NF JOCKO SNOTEL	6330	5/01/07	66	32.3	47.0	44.4
NOISY BASIN SNOTEL	6040	5/01/07	96	37.9	47.4	43.8
NOTCH	8500	4/26/07	57	18.5	21.9	19.4
OPHIR PARK	7150	4/29/07	23	8.6	13.4	16.0
PETERSON MDW SNOTEL	7200	5/01/07	34	12.1	11.0	11.0
PICKET PIN LOWER	6200	4/27/07	0	.0	.6	--
PICKET PIN MIDDLE	7250	4/27/07	0	.0	1.0	--
PICKET PIN UPPER	8100	4/26/07	52	17.3	19.3	--
PICKFOOT CRK SNOTEL	6650	5/01/07	0	.0	3.2	6.4
PIEGAN PASS NO 6	5500	4/26/07	61	30.5	33.9	35.5
PIKE CREEK SNOTEL	5930	5/01/07	37	15.9	21.9	25.9
PIPESTONE PASS	7200	4/27/07	6	1.2	4.8	4.8
PLACER BASIN SNOTEL	8830	5/01/07	41	14.6	17.6	19.8
POORMAN CR SNOTEL	5100	5/01/07	45	20.5	31.8	30.0
PORCUPINE SNOTEL	6500	5/01/07	0	.0	.0	3.6
POTOMAGETON PARK	7150	5/01/07	0	.0	--	8.3
PTARMIGAN	5800	4/27/07	60	29.5	29.8	33.5
RED MOUNTAIN	6000	4/27/07	36	14.3	15.4	16.4
RED TOP	5260	5/01/07	---	22.4E	30.0	27.0
REVAIS CREEK	4800	4/30/07	0	.0	.0	.5
ROCK CREEK	5600	4/30/07	0	.0	4.5	4.4
ROCK CREEK MEADOW	8160	5/01/07	---	17.6E	25.9	22.7
ROCKER PEAK SNOTEL	8000	5/01/07	39	12.8	19.1	16.6
ROCKY BOY SNOTEL	4700	5/01/07	0	.0	.0	1.2
SACAJAWEA	6550	4/30/07	2	.7	9.8	12.0
SACAJAWEA SNOTEL	6550	5/01/07	2	.5	8.7	12.8
SADDLE MTN SNOTEL	7900	5/01/07	54	20.0	29.3	26.5
S.F. SHIELDS SNOTEL	8100	5/01/07	37	15.5	21.9	19.6
SHORT CREEK SNOTEL	7000	5/01/07	0	.0	3.0	4.7
SHOWER FALLS SNOTEL	8100	5/01/07	61	23.2	24.9	26.9
SKALKAHO SNOTEL	7260	5/01/07	39	15.9	23.1	25.4
SLEEPING WOMAN SNTL	6150	5/01/07	19	7.9	13.0	13.4
SLIDE ROCK MOUNTAIN	7100	4/29/07	29	10.6	15.6	15.7
SMUGGLER MINE	6960	4/27/07	13	4.0	10.6	7.6
SPOTTED BEAR MTN.	7000	4/26/07	0	.0	7.9	7.6
SPUR PARK SNOTEL	8100	5/01/07	55	18.5	23.4	23.2
STAHL PEAK SNOTEL	6030	5/01/07	87	37.2	40.2	37.1
STEMPLE PASS	6600	4/27/07	20	6.5	9.0	9.3
STORM LAKE	7780	5/01/07	34	12.4	15.5	14.3
STRYKER BASIN	6180	4/24/07	73	29.5	32.9	32.6
STUART MOUNTAIN SNTL	7400	5/01/07	65	27.9	35.8	32.3
TAYLOR ROAD	4080	4/25/07	0	.0	.0	.3
TEN MILE LOWER	6600	4/30/07	5	1.6	4.6	4.5
TEN MILE MIDDLE	6800	4/30/07	18	5.9	12.1	11.2
TEPEE CREEK SNOTEL	8000	5/01/07	21	7.4	16.9	13.6
TIMBERLINE CREEK	8850	4/26/07	48	12.4	10.9	17.3
TIZER BASIN SNOTEL	6840	5/01/07	16	6.4	7.6	9.5
TRAIL CREEK	7090	4/26/07	9	1.4	7.1	6.1
TRINKUS LAKE	6100	4/26/07	91	41.5	46.9	40.8
TRUMAN CREEK	4060	5/01/07	0	.0	.0	.1
TV MOUNTAIN	6800	4/26/07	39	13.9	21.5	17.1
TWELVEMILE SNOTEL	5600	5/01/07	0	.0	9.8	8.8
TWENTY-ONE MILE	7150	5/05/07	1	.2	13.3	13.4
TWIN CREEKS	3580	4/26/07	0	.0	.0	1.7
TWIN LAKES SNOTEL	6400	5/01/07	59	30.5	43.4	38.5
UPPER HOLLAND LAKE	6200	4/26/07	59	26.6	34.4	33.5
WALDRON SNOTEL	5600	5/01/07	7	2.8	4.2	6.4

SNOW COURSE	ELEVATION	DATE	SNOW DEPTH	WATER CONTENT	LAST YEAR	AVERAGE 71-00
WARM SPRINGS SNOTEL	7800	5/01/07	60	23.0	23.6	23.7
WEASEL DIVIDE	5450	4/27/07	63	30.9	33.0	32.7
WEST YELL'ST SNOTEL	6700	5/01/07	0	.0	2.0	6.1
WHISKEY CREEK SNOTEL	6800	5/01/07	19	7.0	14.2	15.2
WHITE MILL SNOTEL	8700	5/01/07	56	20.1	28.0	26.4
WHITE PINE RIDGE	8850	4/26/07	21	5.6	7.9	5.6
WILLOW CREEK	6500	4/26/07	0	.0	.6	4.0
WOOD CREEK SNOTEL	5960	5/01/07	6	2.6	11.2	8.5
WRONG CREEK	5700	4/24/07	8	3.1	4.6	7.7
WRONG RIDGE	6800	5/01/07	---	11.0E	12.9	17.0

Surface Water Supply Index

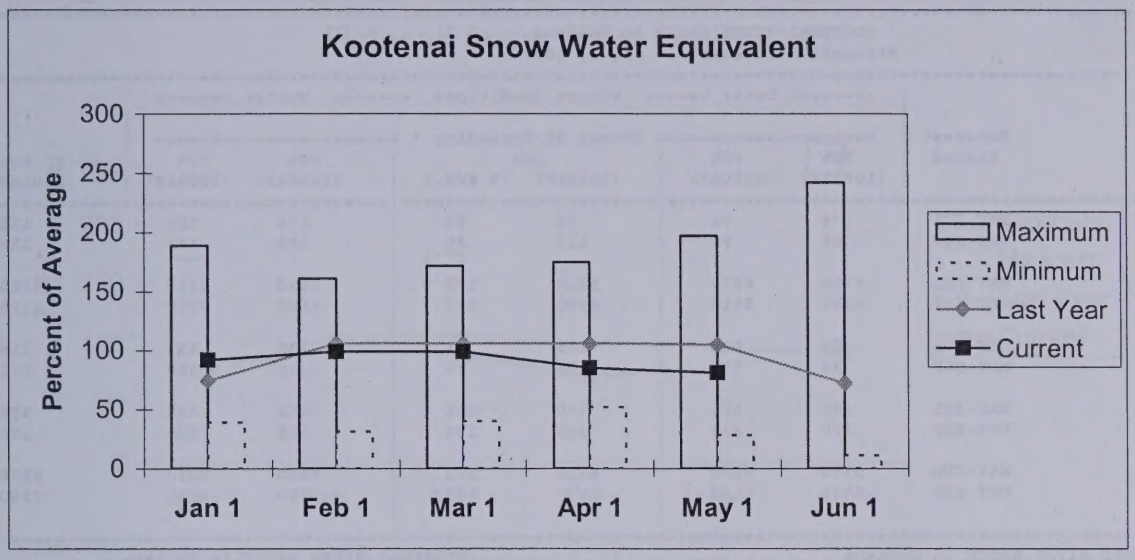
The Surface Water Supply Index (SWSI) is an indicator of surface water supply conditions for the spring and summer months. Water users that rely on mountain precipitation can use the index to evaluate seasonal surface water supplies. The SWSI accounts for mountain snowpack, mountain precipitation, streamflow, reservoir storage, and soil moisture.

SWSI RATING	SURFACE WATER CONDITION
+3.0 to +4.0	Extremely Wet
+2.0 to +3.0	Moderately Wet
+1.0 to +2.0	Slightly Wet
-1.0 to +1.0	Near Average
-1.0 to -2.0	Slightly Dry
-2.0 to -3.0	Moderately Dry
-3.0 to -4.0	Extremely Dry

This Year SWSI	Last Year SWSI	Basin
-2.3	+1.3	Tobacco River
+0.7	+0.2	Kootenai Ft. Steele to Libby Dam
+2.2	+2.9	Kootenai River below Libby Dam
-1.8	+1.0	Fisher River
-1.9	+0.9	Yaak River
+0.6	-0.8	North Fork Flathead River
-1.2	-0.5	Middle FORK Flathead River
+2.3	+3.0	South Fork Flathead River
+1.2	+1.1	Flathead River at Columbia Falls
----	+0.5	Stillwater/Whitefish Rivers (discontinued)
-1.5	+0.9	Swan River
-0.8	+0.8	Flathead River at Polson
--	----	Mission Valley
--	----	Little Bitterroot River
-1.3	+0.9	Clark Fork River above Milltown
-1.7	+0.4	Blackfoot River
-2.1	+1.5	Bitterroot River
-1.8	+1.4	Clark Fork River below Bitterroot River
-1.2	+1.0	Clark Fork River below Flathead River
-2.0	-0.6	Beaverhead River
-3.4	+0.9	Ruby River
-1.4	+0.5	Big Hole River
-2.2	+1.4	Boulder River (Jefferson)
-1.3	+1.4	Jefferson River
-1.6	+0.8	Madison River
-1.6	+1.4	Gallatin River
-1.6	+0.3	Missouri River above Canyon Ferry
-2.0	-0.4	Missouri River below Canyon Ferry
-0.7	+1.7	Smith River
-0.5	-0.8	Sun River
-2.3	-0.3	Teton River
-3.5	-2.8	Birch/Dupuyer Creeks
-2.4	-0.9	Upper Judith River
-1.8	-1.8	Marias River above Tiber
-2.6	-0.5	Marias River below Tiber
-2.9	+1.2	Musselshell River
-0.2	-0.9	Missouri River above Ft. Peck
-3.8	-3.4	Missouri River below Ft. Peck
-1.1	-1.6	St. Mary River
-0.3	-0.8	Milk River
-2.6	+0.3	Dearborn River near Craig
-1.9	+0.8	Yellowstone River above Livingston
-2.6	+2.1	Shields River
-2.5	+0.1	Boulder River (Yellowstone)
-2.3	+0.1	Stillwater River
-3.5	-2.5	Rock/Red Lodge Creeks
-2.1	-0.9	Clarks Fork River
-2.1	+0.4	Yellowstone River above Bighorn River
-2.1	-0.8	Bighorn River below Bighorn Lake
-0.1	-2.9	Little Bighorn River
-2.1	-0.1	Yellowstone River below Bighorn River
+1.8	-2.9	Tongue River
-1.5	-1.0	Powder River

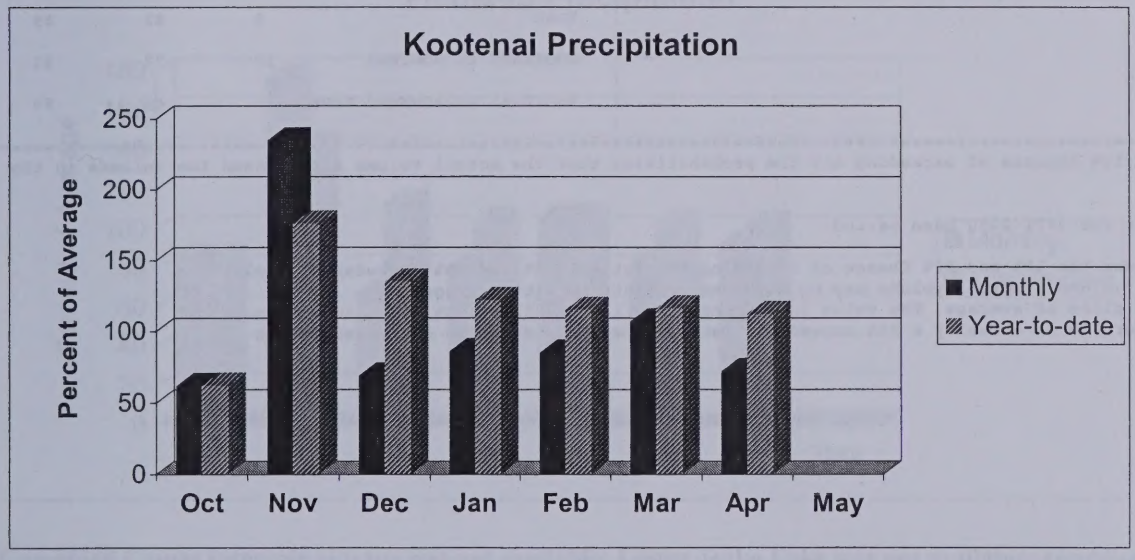
Kootenai River Basin in Montana

Snowpack in the Kootenai River Basin was below average and decreased 4 percent from April 1. Snow water content was 81 percent of average and 77 percent of last year.



January maximum swe was established in 1997 and minimum was in 1977; February maximum swe was in 1997 and minimum swe was in 1977; March maximum swe was in 1972 and minimum swe was in 1977; April maximum swe was in 1974 and minimum swe was in 2001and 2005; May maximum swe was in 1974 and minimum swe was in 1977; and June maximum swe was in 1974 and minimum swe was in 1992. Average is for the period 1971 through 2000.

Mountain precipitation during April was 75 percent of average and 84 percent of last year. Valley precipitation during April was 31 percent of average and 19 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2006, was 112 percent of average and 107 percent of last year.



Lake Koocanusa storage was 152 percent of average and 78 percent of last year.

Seasonal volume and snow melt peak flows and dates are discussed in the state-wide summary section.

Surface Water Supply Index (SWSI) was -2.3 in the Tobacco River; +0.7 in the Kootenai Ft. Steele to Libby Dam; +2.2 in the Kootenai River below Libby Dam; -1.8 in the Fisher River; and -1.9 in the Yaak River.

KOOTENAI RIVER BASIN in Montana
Streamflow Forecasts - May 1, 2007

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter ======>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
TOBACCO RIVER nr Eureka	MAY-JUL	74	88	98	89	109	126	110
	MAY-SEP	83	99	111	90	123	143	124
LIBBY RES Inflow (1,2)	MAY-JUL	4350	4870	5230	102	5590	6110	5120
	MAY-SEP	5330	5910	6300	103	6690	7270	6120
FISHER RIVER nr Libby	MAY-JUL	83	101	115	74	130	153	155
	MAY-SEP	94	114	129	76	145	169	170
YAAK RIVER nr Troy	MAY-JUL	255	320	365	104	415	495	350
	MAY-SEP	270	335	385	104	435	520	370
KOOTENAI at Leonia (1,2)	MAY-JUL	5550	6070	6310	102	6550	7070	6170
	MAY-SEP	6580	7160	7430	103	7700	8280	7250

KOOTENAI RIVER BASIN in Montana
Reservoir Storage (1000 AF) - End of April

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
LAKE KOOCANUSA	5748.0	2962.0	3810.0	1948.9

KOOTENAI RIVER BASIN in Montana
Watershed Snowpack Analysis - May 1, 2007

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
KOOTENAY in CANADA	14	109	102
KOOTENAI MAINTSTEM	4	76	79
TOBACCO	3	90	91
FISHER	5	60	62
YAAK	8	83	89
KOOTENAI in MONTANA	19	77	81
KOOTENAI ab BONNERS FERRY	33	88	89

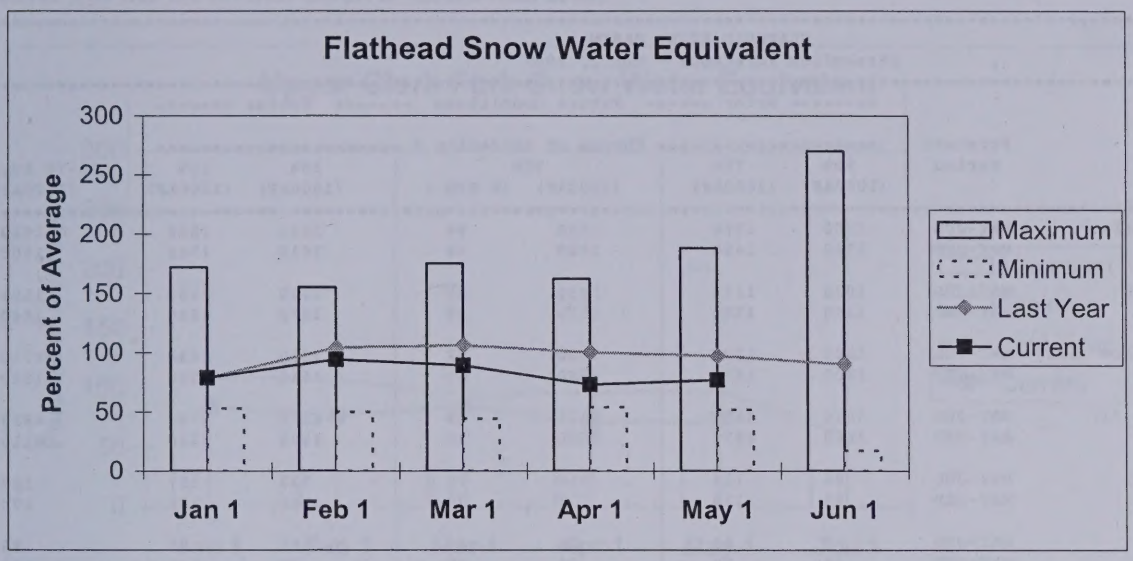
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

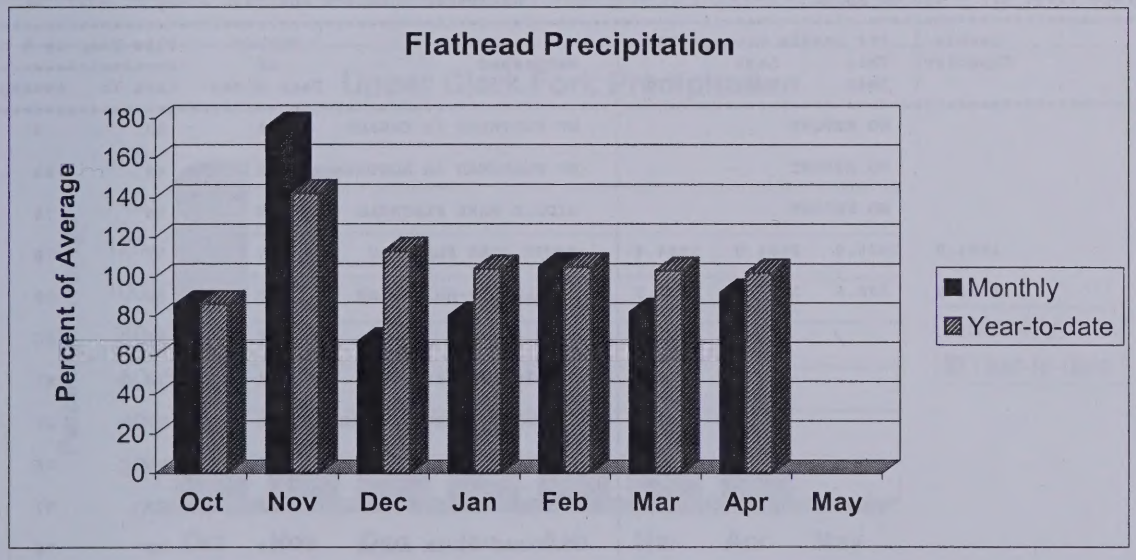
Flathead River Basin

Snowpack in the Flathead River Basin was below average and increased 4 percent from April 1. Snow water content was 77 percent of average and 79 percent of last year.



January maximum swe was established in 1997 and minimum was in 2001; February maximum swe was in 1972 and minimum was in 2001; March maximum swe was in 1972 and minimum was in 2005; April maximum swe was in 1972 and minimum was in 2005; May maximum swe was in 1972 and minimum was in 1992; and June maximum swe was in 1974 and minimum was in 1992. Average is for the period 1971 through 2000.

Mountain precipitation during April was 92 percent of average and 91 percent of last year. Valley precipitation during April was 93 percent of average and 55 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2006, was 102 percent of average and 95 percent of last year.



Combined Camas reservoir storage was not available; Lower Jocko Lake was not available; combined Mission Valley reservoir storage was not available; Hungry Horse storage was 150 percent of average and 118 percent of last year; and Flathead Lake storage was 96 percent of average and 79 percent of last year.

Seasonal volume and snow melt peak flows and dates are discussed in the state-wide summary section.

Surface Water Supply Index (SWSI) was +0.6 in the North Fork Flathead River; -1.2 in the Middle Fork Flathead River; +2.3 in the South Fork Flathead River; +1.2 in the Flathead River at Columbia Falls; -1.5 in the Swan River; -0.8 in the Flathead River at Polson; not available in the Mission Valley; and not available in the Little Bitterroot River.

FLATHEAD RIVER BASIN
Streamflow Forecasts - May 1, 2007

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter ======>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
NF FLATHEAD nr Columbia Falls	MAY-JUL	1150	1260	1340	94	1420	1530	1420
	MAY-SEP	1320	1450	1530	96	1610	1740	1600
MF FLATHEAD nr West Glacier	MAY-JUL	1020	1140	1230	89	1320	1450	1390
	MAY-SEP	1140	1280	1370	89	1470	1620	1540
HUNGRY HORSE Reservoir Inflow (1,2)	MAY-JUL	1200	1320	1400	82	1490	1620	1710
	MAY-SEP	1300	1430	1520	83	1610	1760	1840
FLATHEAD at Columbia Falls (2)	MAY-JUL	3460	3850	4120	89	4390	4780	4630
	MAY-SEP	3860	4290	4590	90	4890	5320	5110
STILLWATER nr Whitefish	MAY-JUL	84	104	118	79	133	157	150
	MAY-SEP	95	118	135	79	153	182	170
WHITEFISH nr Kalispell	MAY-JUL	59	69	76	86	83	95	88
	MAY-SEP	68	80	88	87	97	111	101
ASHLEY CREEK nr Marion (2)	MAY-JUL	0.8	1.7	2.4	53	3.2	4.7	4.5
SWAN RIVER nr Bigfork	MAY-JUL	355	390	415	88	440	480	470
	MAY-SEP	420	460	490	89	520	565	550
Flathead Lake inflow (1,2)	MAY-JUL	3800	4470	4780	90	5090	5760	5320
	MAY-SEP	4180	4920	5260	90	5600	6340	5840

FLATHEAD RIVER BASIN
Reservoir Storage (1000 AF) - End of April

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
CAMAS (4)		NO REPORT		
LOWER JOCKO LAKE		NO REPORT		
MISSION VALLEY (8)		NO REPORT		
HUNGRY HORSE	3451.0	2926.0	2484.0	1954.8
FLATHEAD LAKE	1791.0	896.6	1134.0	931.9

FLATHEAD RIVER BASIN
Watershed Snowpack Analysis - May 1, 2007

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
NF FLATHEAD in CANADA	1	13	4
NF FLATHEAD in MONTANA	8	88	83
MIDDLE FORK FLATHEAD	5	86	74
SOUTH FORK FLATHEAD	7	77	78
STILLWATER-WHITEFISH	10	80	79
SWAN	7	81	86
MISSION VALLEY	4	78	83
LITTLE BITTERROOT-ASHLEY	6	17	11
JOCKO	5	70	76
FLATHEAD in MONTANA	38	79	77
FLATHEAD RIVER BASIN	39	79	76

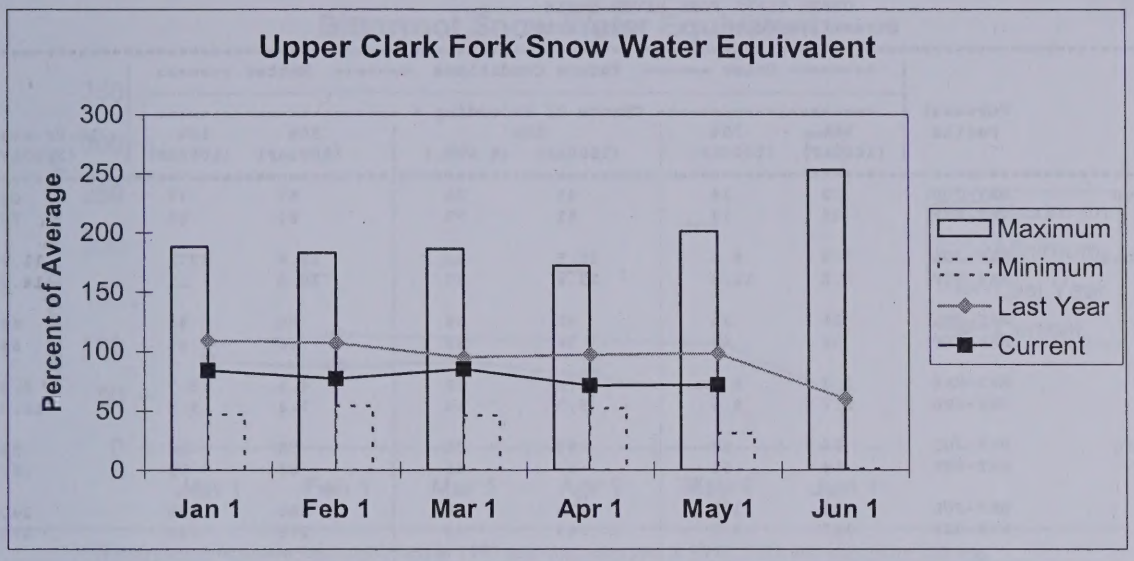
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

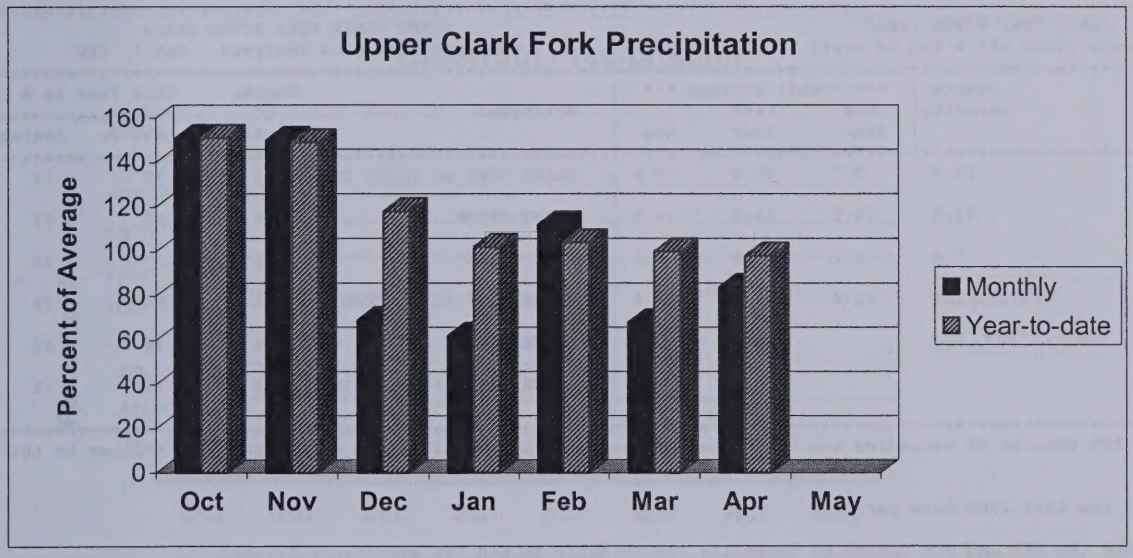
Upper Clark Fork River Basin

Snowpack in the Upper Clark Fork River Basin was below average, increased 1 percent from April 1, and was seventh lowest of record. Snow water content was 72 percent of average and 75 percent of last year. The Blackfoot River was tied for seventh lowest of record with 2000.



January maximum swe was established in 1997 and minimum swe was in 1977; February maximum was in 1972 and minimum swe was in 1977; March maximum swe was in 1972 and minimum swe was in 2005; April maximum swe was in 1972 and minimum was in 2005; May maximum swe was in 1972 and minimum swe was in 1977; and June maximum swe was in 1975 and minimum swe was in 1987. Average is for the period 1971 through 2000.

Mountain precipitation during April was 81 percent of average and 62 percent of last year. Valley precipitation during April was 117 percent of average and 54 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2006, was 98 percent of average and 95 percent of last year.



East Fork Reservoir was 79 percent of average and 77 percent of last year; Georgetown Lake was 114 percent of average and the same as last year; Lower Willow Creek storage was 127 percent of average and 94 percent of last year; and Nevada Creek storage was 112 percent of average and 105 percent of last year.

Seasonal volume and snow melt peak flows and dates are discussed in the state-wide summary section.

Surface Water Supply Index (SWSI) was -1.3 in the Clark Fork River above Milltown; and -1.7 in the Blackfoot River.

UPPER CLARK FORK RIVER BASIN
Streamflow Forecasts - May 1, 2007

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter ======>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
LITTLE BLACKFOOT nr Garrison	MAY-JUL	22	34	45	71	57	77	63
	MAY-SEP	25	40	51	73	64	86	70
FLINT CREEK nr Southern Cross	MAY-JUL	7.0	9.6	11.5	98	13.6	17.1	11.7
	MAY-SEP	8.2	11.3	13.8	97	16.5	21	14.2
FLINT CREEK blw Boulder Ck	MAY-JUL	25	34	42	88	50	64	48
	MAY-SEP	36	47	56	89	66	81	63
LOWER WILLOW CK RES Inflow	MAY-MAY	1.7	2.6	3.4	58	4.3	5.7	5.9
	MAY-JUL	2.7	4.4	5.7	56	7.2	9.8	10.2
MF ROCK CREEK nr Philipsburg	MAY-JUL	38	45	50	85	55	63	59
	MAY-SEP	44	51	57	85	63	72	67
ROCK CREEK nr Clinton	MAY-JUL	156	190	215	90	240	285	240
	MAY-SEP	182	220	245	89	275	320	275
CLARK FORK abv Milltown	MAY-JUL	250	345	415	81	495	620	510
	MAY-SEP	320	420	500	82	585	720	610
NEVADA CREEK nr Helmville	MAY-MAY	1.4	2.6	3.5	51	4.6	6.4	6.9
	MAY-JUL	3.0	5.4	7.3	53	9.6	13.4	13.9
BLACKFOOT RIVER nr Bonner	MAY-JUL	410	480	530	79	585	670	675
	MAY-SEP	460	540	595	78	655	745	765
CLARK FORK abv Missoula	MAY-JUL	660	825	940	79	1050	1220	1190
	MAY-SEP	805	980	1100	80	1220	1400	1370

UPPER CLARK FORK RIVER BASIN
Reservoir Storage (1000 AF) - End of April

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
EAST FORK ROCK CREEK	15.6	7.7	10.0	9.8
GEORGETOWN LAKE	31.0	30.3	30.3	26.5
LOWER WILLOW CREEK	4.9	4.7	5.0	3.7
NEVADA CREEK	12.6	11.2	10.7	10.0

UPPER CLARK FORK RIVER BASIN
Watershed Snowpack Analysis - May 1, 2007

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
CLARK FORK ab FLINT CREEK	13	72	74
FLINT CREEK	6	85	77
ROCK CREEK	5	77	76
CLARK FORK ab BLACKFOOT	21	74	73
BLACKFOOT	14	76	66
UPPER CLARK FORK BASIN	33	75	72

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

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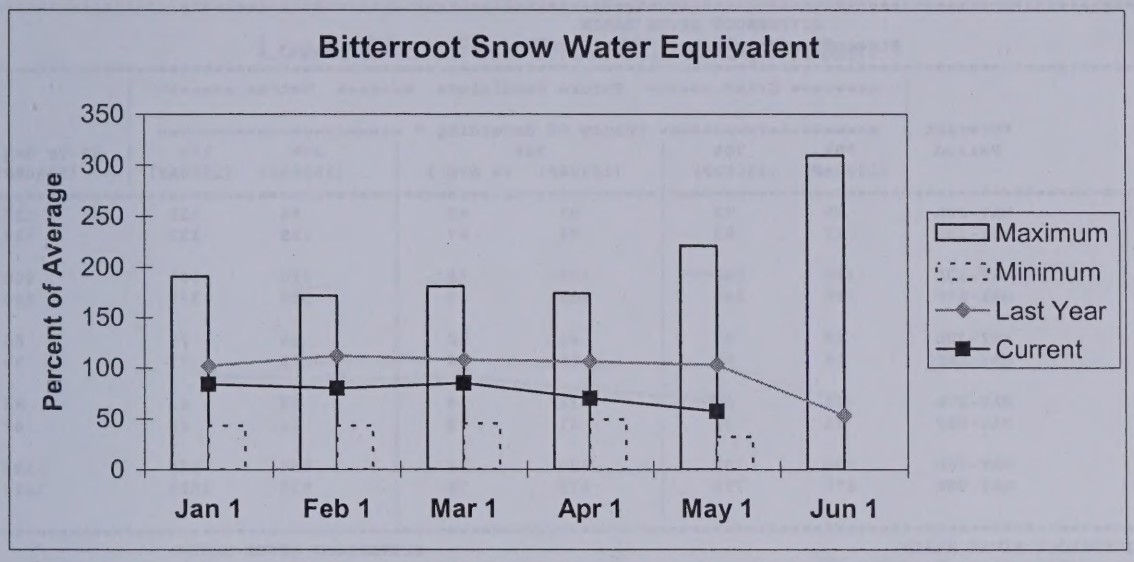
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

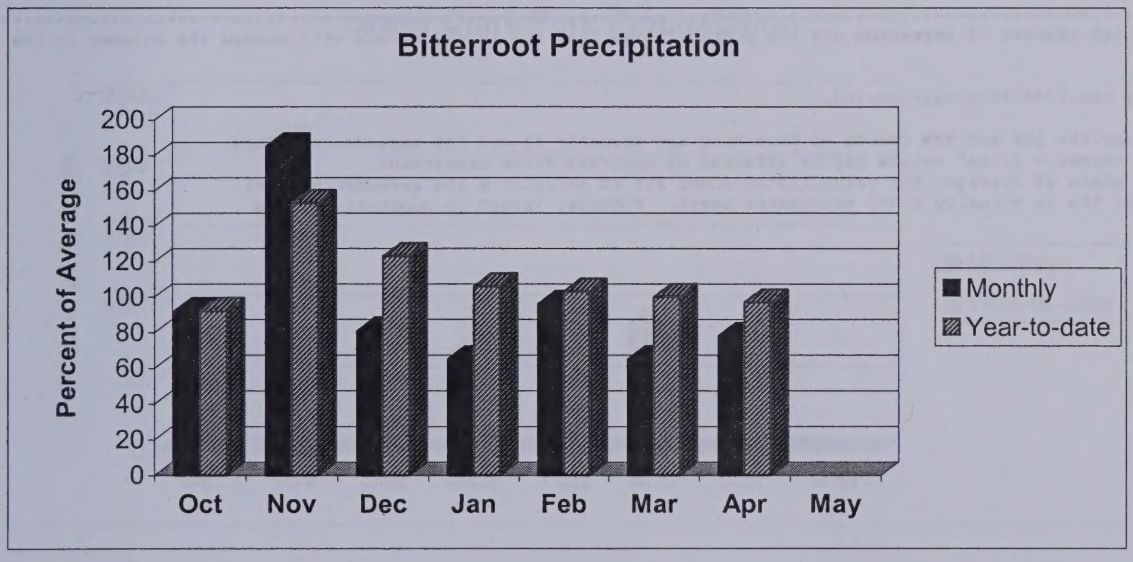
Bitterroot River Basin

Snowpack in the Bitterroot River Basin was well below average, decreased 13 percent from April 1, and was sixth lowest of record. Snow water content was 57 percent of average and 56 percent of last year.



January maximum swe was established in 1997 and minimum swe in 1977; February maximum swe was in 1972 and minimum was in 1977; March maximum swe was in 1972 and minimum swe was in 1977 and 2005; April maximum swe was in 1972 and minimum swe was in 2005; May maximum swe was in 1972 and minimum swe was in 1987; and June maximum swe was 1972 and 1974 and minimum swe was in 1987,1992, 1994, and 2001. Average is for the period 1971 through 2000.

Mountain precipitation during April was 77 percent of average and 69 percent of last year. Valley precipitation during April was 101 percent of average and 46 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2006, was 97 percent of average and 89 percent of last year.



Painted Rocks Lake storage was 181 percent of average and 98 percent of last year and Como storage was 129 percent of average and 126 percent of last year.

Seasonal volume and snow melt peak flows and dates are discussed in the state-wide summary section.

Surface Water Supply Index (SWSI) was -2.1 in the Bitterroot River.

BITTERROOT RIVER BASIN
Streamflow Forecasts - May 1, 2007

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter ======>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
WF BITTERROOT nr Conner (2)	MAY-JUL	59	73	83	66	94	111	125
	MAY-SEP	67	82	93	67	105	123	138
BITTERROOT nr Darby	MAY-JUL	198	240	275	68	310	365	405
	MAY-SEP	245	285	315	69	345	395	460
COMO RESERVOIR Inflow	MAY-JUL	50	57	61	92	66	73	66
	MAY-SEP	54	60	65	93	70	77	70
SKALKAHO CK nr Hamilton	MAY-JUL	23	27	31	78	35	41	40
	MAY-SEP	28	33	37	79	41	48	47
BITTERROOT at Missoula	MAY-JUL	590	705	780	71	855	970	1100
	MAY-SEP	675	795	875	72	955	1080	1210

BITTERROOT RIVER BASIN
Reservoir Storage (1000 AF) - End of April

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
PAINTED ROCKS LAKE	31.7	31.0	31.7	17.1
COMO	34.9	27.0	21.4	20.9

BITTERROOT RIVER BASIN
Watershed Snowpack Analysis - May 1, 2007

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
WEST FORK BITTERROOT	3	50	53
EAST SIDE BITTERROOT	5	66	64
WEST SIDE BITTERROOT	3	55	61
BITTERROOT RIVER BASIN	10	56	57

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

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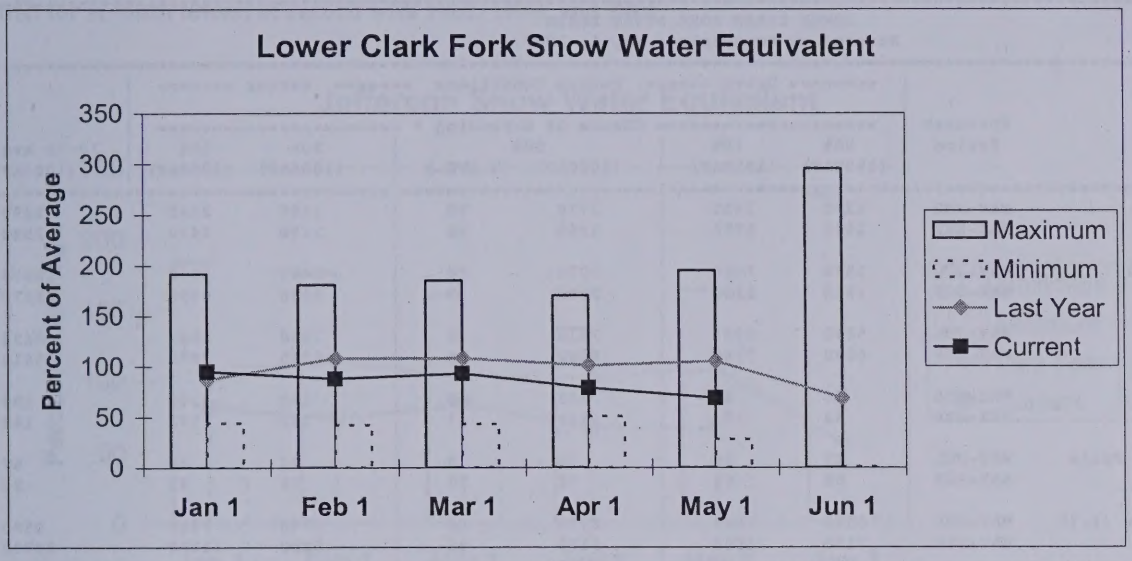
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

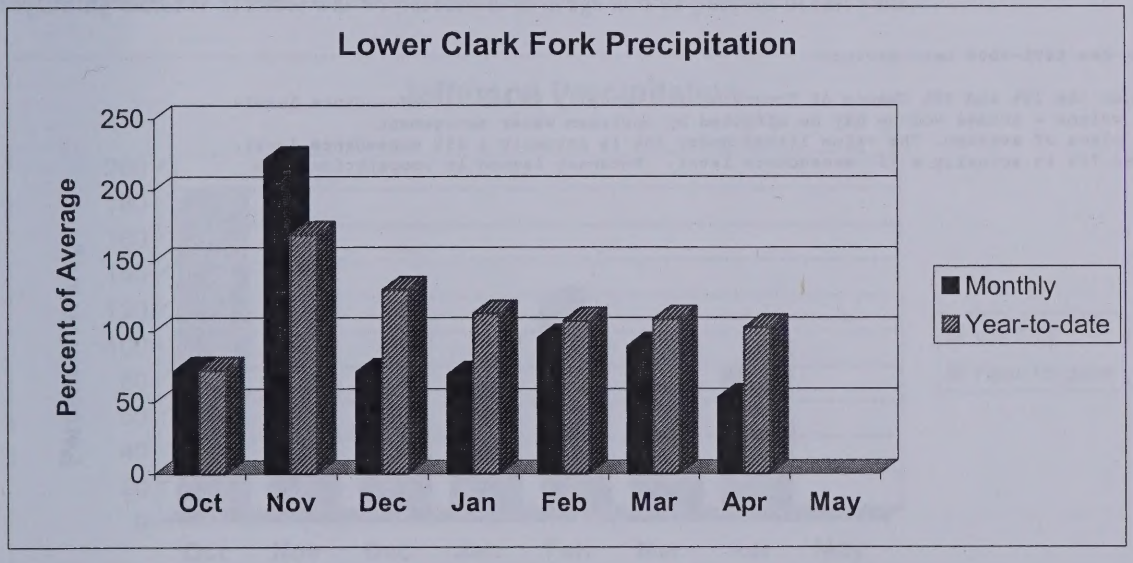
Lower Clark Fork River Basin

Snowpack in the Lower Clark Fork River Basin was well below average and decreased 10 percent from April 1. Snow water content was 69 percent of average and 65 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1977; February maximum swe was in 1972 and minimum swe was in 1977; March maximum swe was in 1972 and minimum was in 2005; April maximum swe was in 1972 and minimum swe was in 2005; May maximum swe was in 1972 and minimum swe was in 1977; and June maximum swe was in 1974 and minimum swe was in 1977. Average is for the period 1971 through 2000.

Mountain precipitation during April was 51 percent of average and 47 percent of last year. Valley precipitation during April was 73 percent of average and 35 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2006, was 102 percent of average and 96 percent of last year.



Noxon Rapids storage was 117 percent of average and 102 percent of last year.

Seasonal volume and snow melt peak flows and dates are discussed in the state-wide summary section.

Surface Water Supply Index (SWSI) was -1.8 in the Clark Fork River below Bitterroot River and -1.2 in the Clark Fork River below Flathead River.

LOWER CLARK FORK RIVER BASIN
Streamflow Forecasts - May 1, 2007

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
CLARK FORK blw Missoula	MAY-JUL	1270	1530	1710	75	1890	2150	2290
	MAY-SEP	1490	1770	1960	76	2150	2430	2580
CLARK FORK at St. Regis (1)	MAY-JUL	1570	2050	2270	76	2490	2970	2980
	MAY-SEP	1810	2350	2600	77	2850	3390	3370
CLARK FORK nr Plains (1,2)	MAY-JUL	5890	6940	7410	86	7880	8930	8630
	MAY-SEP	6590	7750	8280	86	8810	9970	9610
THOMPSON nr Thompson Falls	MAY-JUL	66	87	103	65	120	148	159
	MAY-SEP	82	105	123	67	142	172	185
PROSPECT CREEK at Thompson Falls	MAY-JUL	49	58	65	75	72	83	87
	MAY-SEP	55	65	72	75	79	91	96
CLARK FK at Whitehorse Rpds (1,2)	MAY-JUL	6360	7600	8170	85	8740	9980	9590
	MAY-SEP	7150	8540	9170	86	9800	11200	10700

LOWER CLARK FORK RIVER BASIN
Reservoir Storage (1000 AF) - End of April

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
NOXON RAPIDS	335.0	318.8	312.1	272.3

LOWER CLARK FORK RIVER BASIN
Watershed Snowpack Analysis - May 1, 2007

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
LOWER CLARK FORK BASIN	12	65	69

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

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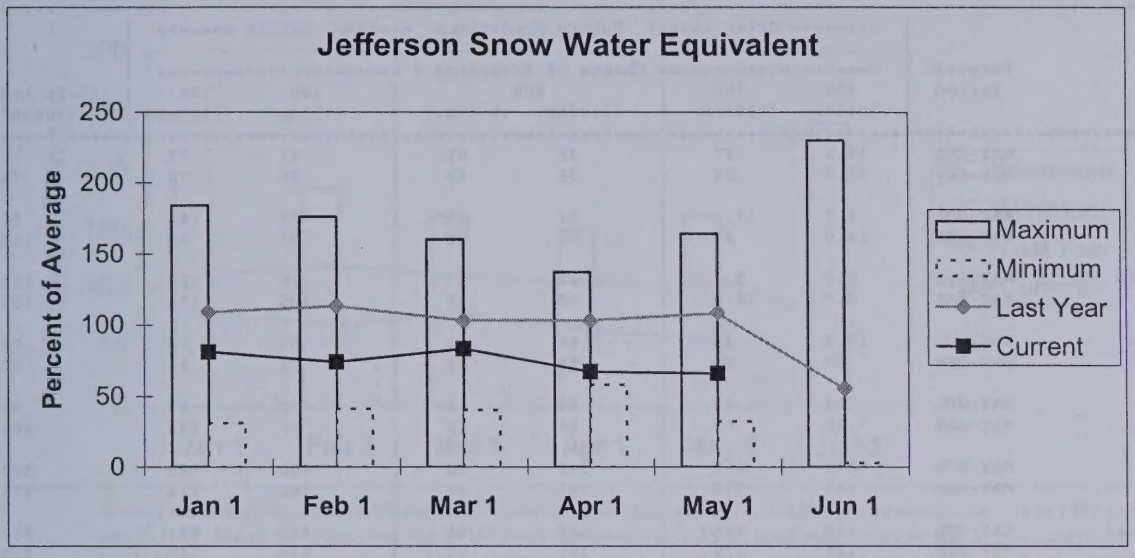
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

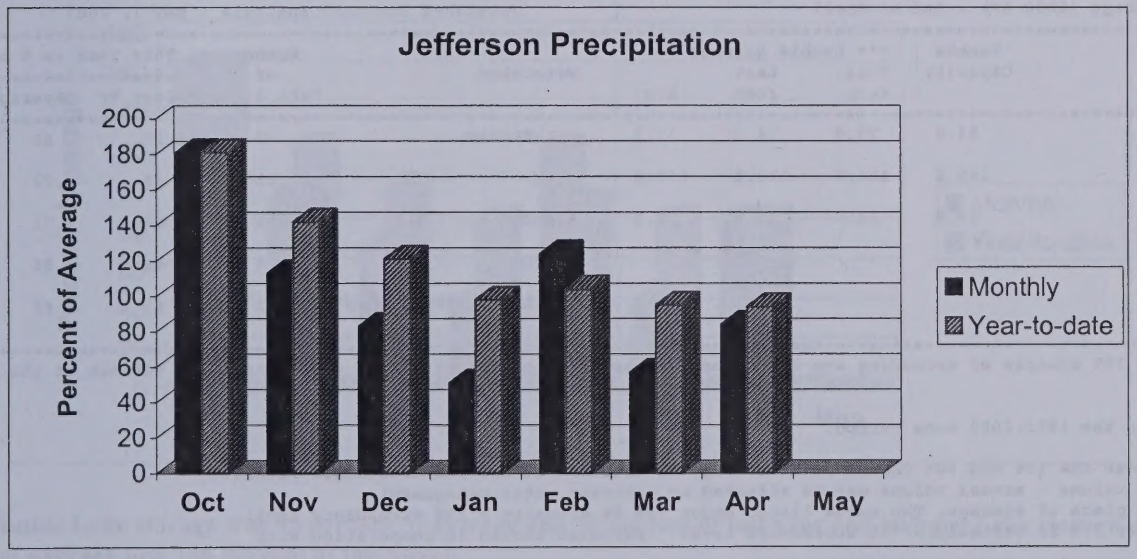
Jefferson River Basin

Snowpack in the Jefferson River Basin was well below average, decreased 1 percent from April 1, and was tied for seventh lowest of record with 1992. Snow water content was 66 percent of average and 61 percent of last year. The Beaverhead Basin was eighth lowest of record, the Ruby Basin was fifth lowest of record, and the Big Hole Basin was tied for seventh lowest of record with 1962, 1980, and 2001.



January maximum swe was established in 1997 and minimum swe was in 1977; February maximum swe was in 1997 and minimum was in 1977; March maximum swe was in 1972 and minimum was in 1977; April maximum swe was in 1997 and minimum was in 1977; May maximum swe was in 1975 and minimum swe was in 1977; and June maximum swe was in 1982 and minimum in 1987. Average is for the period 1971 through 2000.

Mountain precipitation during April was 82 percent of average and 67 percent of last year. Valley precipitation during April was 105 percent of average and 51 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2006, was 94 percent of average and 82 percent of last year.



Lima storage was 138 percent of average and 107 percent of last year; Clark Canyon storage was 82 percent of average and 109 percent of last year; and Ruby River storage was 101 percent of average and the same as last year.

Seasonal volume and snow melt peak flows and dates are discussed in the state-wide summary section.

Surface Water Supply Index (SWSI) was -2.0 in the Beaverhead River; -3.4 in the Ruby River; -1.4 in the Big Hole River; -2.2 in the Boulder River; and -1.3 in the Jefferson River near Three Forks.

JEFFERSON RIVER BASIN
Streamflow Forecasts - May 1, 2007

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
LIMA RESERVOIR Inflow (2)	MAY-JUL	18.2	27	36	51	47	71	70
	MAY-SEP	19.0	29	38	49	50	76	78
CLARK CANYON Inflow (2)	MAY-JUL	8.0	14.6	22	24	33	61	90
	MAY-SEP	14.0	23	33	28	47	78	116
BEAVERHEAD RIVER at Barretts (2)	MAY-JUL	0.0	5.0	40	33	79	137	120
	MAY-SEP	0.0	13.0	59	39	105	174	153
RUBY RIVER Reservoir Inflow	MAY-JUL	17.2	34	46	62	58	75	74
	MAY-SEP	25	45	58	64	71	91	91
BIG HOLE RIVER at Wisdom	MAY-JUL	23	44	58	61	72	94	95
	MAY-SEP	26	49	64	62	79	102	104
BIG HOLE RIVER nr Melrose	MAY-JUL	210	290	345	66	400	480	520
	MAY-SEP	245	330	385	67	440	525	575
JEFFERSON nr Twin Bridges (2)	MAY-JUL	119	255	345	54	435	570	635
	MAY-SEP	137	290	390	55	490	645	710
BOULDER RIVER nr Boulder	MAY-JUL	15.0	35	49	72	63	83	68
	MAY-SEP	16.5	39	54	72	69	92	75
WILLOW CREEK Reservoir Inflow	MAY-JUL	0.2	6.1	10.0	66	13.9	19.8	15.2
	MAY-SEP	0.1	7.0	11.7	67	16.4	24	17.5
JEFFERSON RIVER nr Three Forks (2)	MAY-JUL	37	215	335	56	455	635	600
	MAY-SEP	63	260	390	57	520	715	680

JEFFERSON RIVER BASIN
Reservoir Storage (1000 AF) - End of April

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
LIMA	84.0	79.4	74.5	57.5
CLARK CANYON	255.6	131.0	120.2	160.6
RUBY RIVER	38.8	36.6	36.6	36.3

JEFFERSON RIVER BASIN
Watershed Snowpack Analysis - May 1, 2007

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
BEAVERHEAD	16	57	63
RUBY	11	69	72
BIGHOLE	16	69	71
BOULDER	8	46	56
JEFFERSON RIVER BASIN	42	61	66

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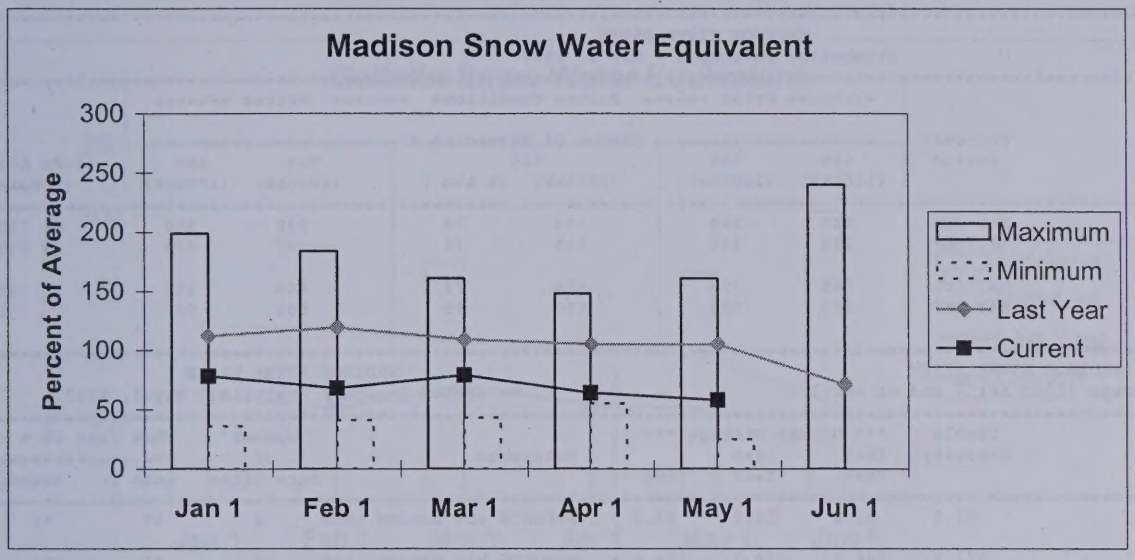
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

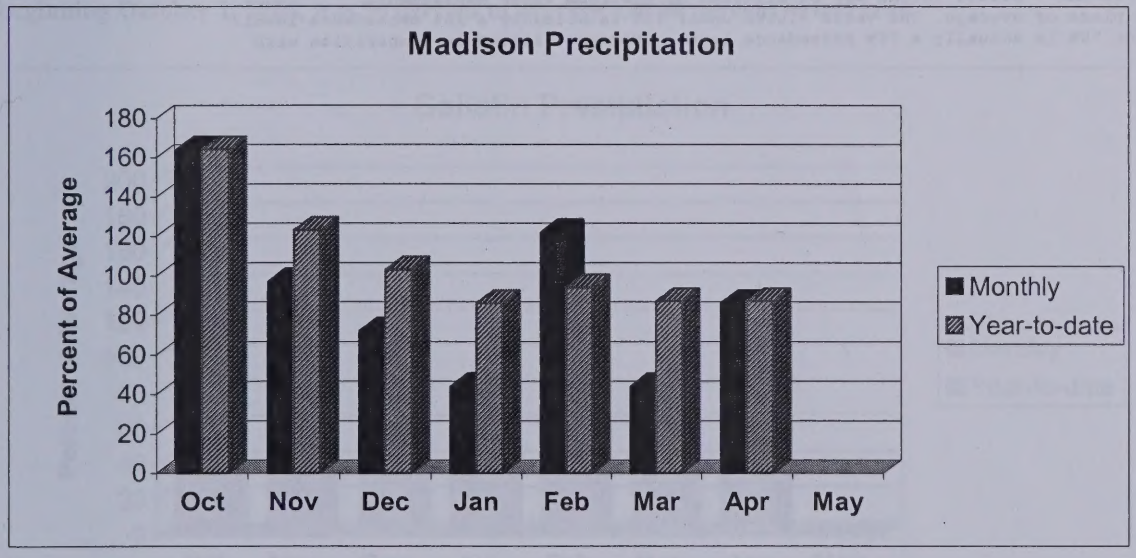
Madison River Basin

Snowpack in the Madison River Basin was well below average, decreased six percent from April 1, and was seventh lowest of record. Snow water content was 58 percent of average and 57 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1977; February maximum swe was in 1997 and minimum was in 1977; March maximum swe was in 1997 and minimum was in 1977; April maximum swe was in 1997 and minimum was in 1977; May maximum swe was in 1997 and minimum swe was in 1977; and June maximum swe was in 1995 and minimum in 2001. Average is for the period 1971 through 2000.

Mountain and valley precipitation during April was 86 percent of average and 66 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2006, was 87 percent of average and 74 percent of last year.



Ennis Lake storage was 95 percent of average and 98 percent of last year and Hebgen Lake storage was 112 percent of average and 106 percent of last year.

Seasonal volume and snow melt peak flows and dates are discussed in the state-wide summary section.

Surface Water Supply Index (SWSI) was -1.6 for the Madison River.

MADISON RIVER BASIN
Streamflow Forecasts - May 1, 2007

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
HEBGEN Reservoir Inflow	MAY-JUL	189	220	245	74	270	300	330
	MAY-SEP	270	310	335	76	360	400	440
ENNIS Reservoir Inflow (2)	MAY-JUL	345	390	425	73	460	505	580
	MAY-SEP	460	520	560	75	600	660	750

MADISON RIVER BASIN
Reservoir Storage (1000 AF) - End of April

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
ENNIS LAKE	41.0	32.1	32.8	33.8
HEBGEN LAKE	377.5	284.7	268.1	254.6

MADISON RIVER BASIN
Watershed Snowpack Analysis - May 1, 2007

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
MADISON abv HEBGEN LAKE	6	47	51
MADISON blw HEBGEN LAKE	12	63	62
MADISON RIVER BASIN	18	57	58

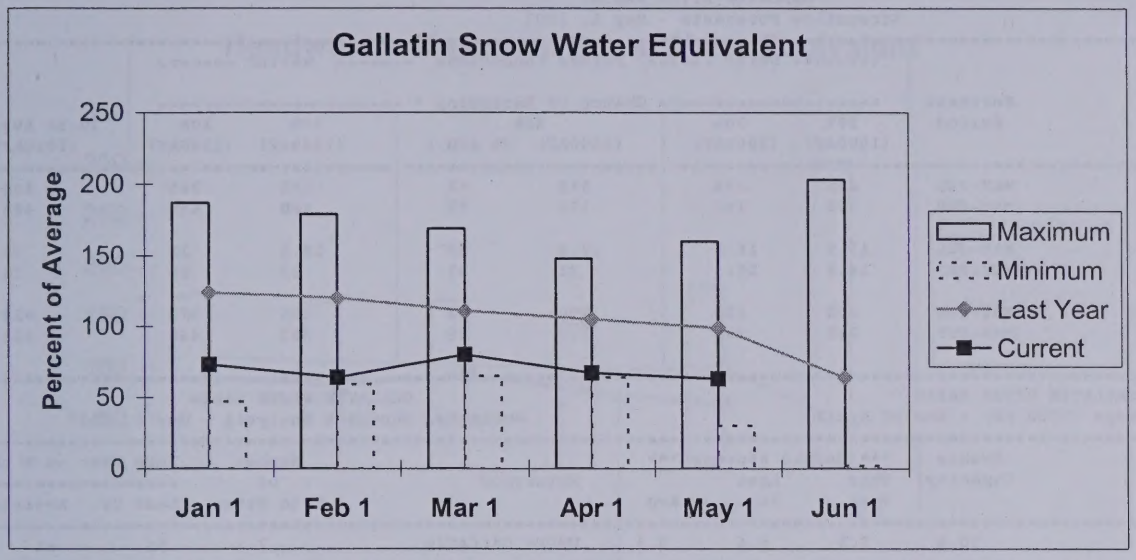
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

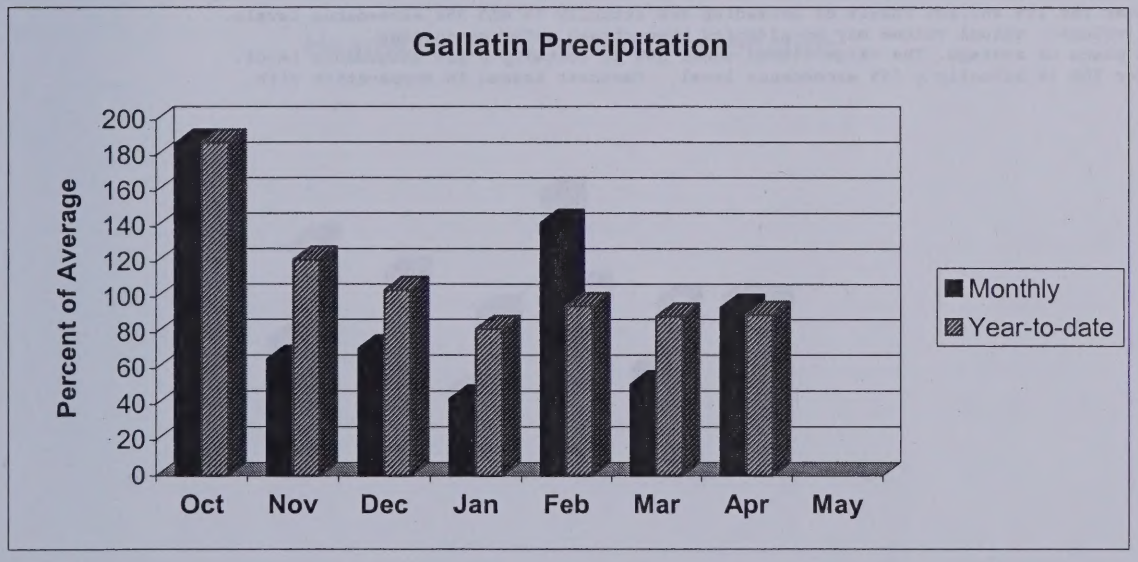
Gallatin River Basin

Snowpack in the Gallatin River Basin was well below average, decreased 4 percent from April 1, and was tied for fourth lowest of record with 1994. Snow water content was 63 percent of average and 63 percent of last year. The Upper Gallatin (west Gallatin) was tied for third lowest of record with 2004.



January maximum swe was established in 1997 and minimum swe was in 1966; February maximum swe was in 1997 and minimum was in 1977; March maximum swe was in 1997 and minimum was in 1977 and 2005; April maximum swe was in 1997 and minimum was in 2001; May maximum swe was in 1970 and minimum swe was in 1987; and June maximum swe was in 1975 and minimum in 2001. Average is for the period 1971 through 2000.

Mountain precipitation during April was 89 percent of average and 91 percent of last year. Valley precipitation during April was 139 percent of average and 78 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2006, was 90 percent of average and 80 percent of last year.



Middle Creek storage was 157 percent of average and 126 percent of last year.

Seasonal volume and snow melt peak flows and dates are discussed in the state-wide summary section.

Surface Water Supply Index (SWSI) was -1.6 for the Gallatin River.

GALLATIN RIVER BASIN
Streamflow Forecasts - May 1, 2007

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
GALLATIN RIVER nr Gateway	MAY-JUL	255	285	310	77	335	365	405
	MAY-SEP	300	340	370	77	400	440	480
HYALITE RESERVOIR Inflow	MAY-JUL	13.9	16.2	17.8	89	19.4	22	20
	MAY-SEP	16.8	19.3	21	91	23	25	23
GALLATIN RIVER at Logan (2)	MAY-JUL	205	255	290	68	325	375	425
	MAY-SEP	245	305	345	68	385	445	505

GALLATIN RIVER BASIN
Reservoir Storage (1000 AF) - End of April

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
MIDDLE CREEK	10.2	8.3	6.6	5.3

GALLATIN RIVER BASIN
Watershed Snowpack Analysis - May 1, 2007

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
UPPER GALLATIN	7	55	61
HYALITE	3	95	83
BRIDGER	2	40	34
GALLATIN RIVER BASIN	12	62	62

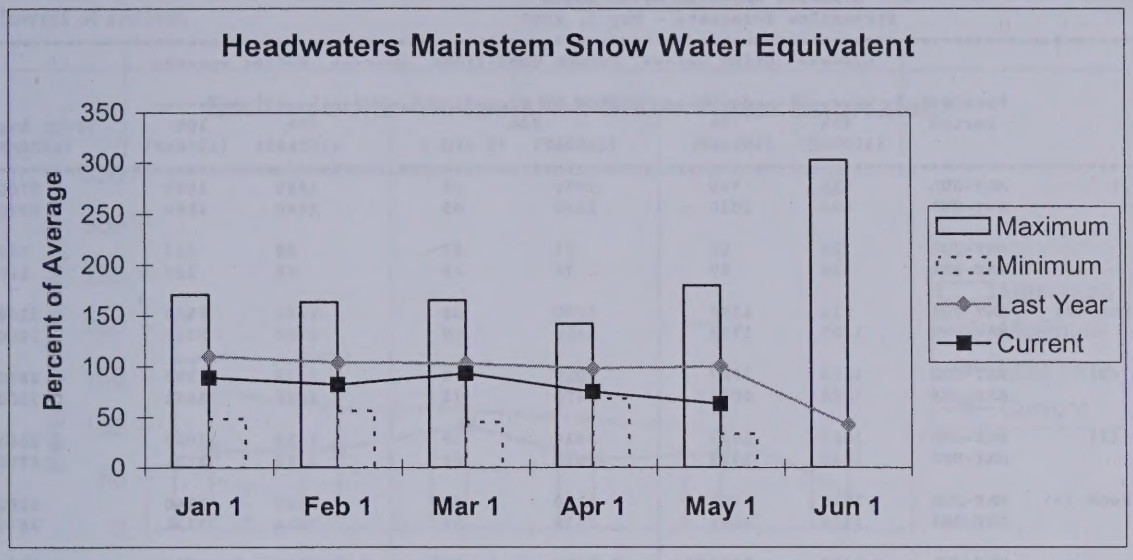
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

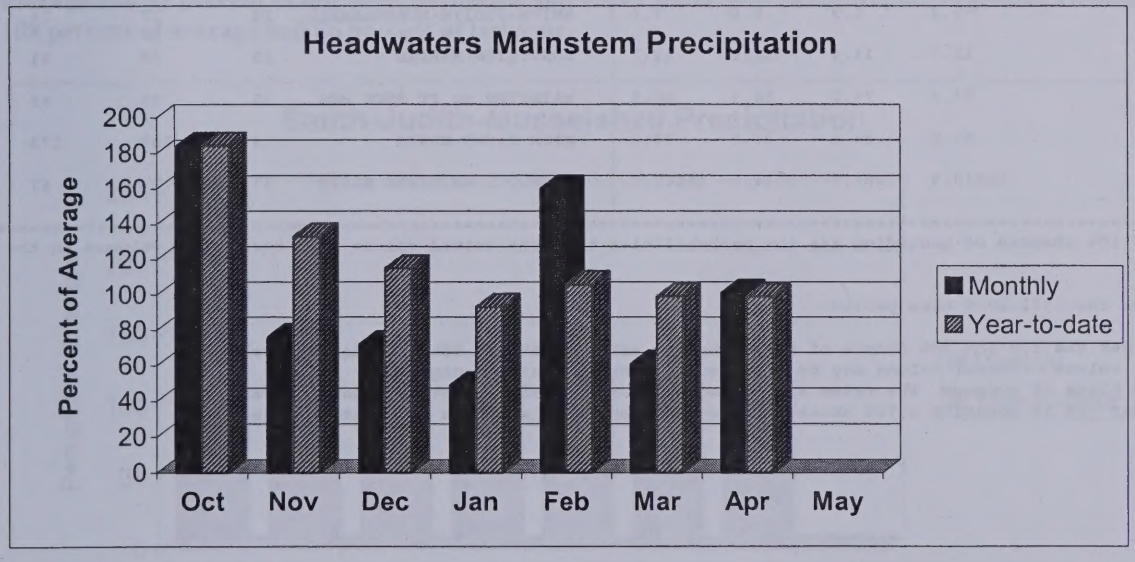
Missouri Mainstem River Basin

Snowpack in the Headwaters Missouri Mainstem River Basin was well below average, decreased 12 percent from April 1, and was tied for sixth lowest of record with 1962, 1994, and 1998. Snow water content was 63 percent of average and 63 percent of last year.



January maximum swe was established in 1997 and minimum swe in 1977; February maximum swe was in 1972 and minimum swe was in 1977; March maximum swe in 1972 and minimum swe was in 1977; April maximum swe was in 1972 and minimum swe was in 1961, 1966, and 2005; May maximum swe was in 1975 and minimum swe was in 1977; and June maximum swe was in 1975 and minimum swe was in 1992. Average is for the period 1971 through 2000.

Mountain precipitation during April was 72 percent of average and 52 percent of last year. Valley precipitation during April was 126 percent of average and 52 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2006, was 99 percent of average and 79 percent of last year.



Canyon Ferry Lake storage was 108 percent of average and 122 percent of last year; Helena Valley storage was 117 percent of average and 99 percent of last year; Lake Helena storage was 94 percent of average and the same as last year; Hauser & Helena storage was 123 percent of average and the same as last year; Holter Lake storage was 105 percent of average and the same as last year; and Fort Peck Lake storage was 58 percent of average and 92 percent of last year.

Seasonal volume and snow melt peak flows and dates are discussed in the state-wide summary section.

Surface Water Supply Index (SWSI) was -1.6 in the Missouri River above Canyon Ferry; -2.0 in the Missouri River below Canyon Ferry; -0.2 in the Missouri River above Fort Peck; and -3.8 in the Missouri River below Fort Peck.

MISSOURI MAINSTEM RIVER BASIN
Streamflow Forecasts - May 1, 2007

Forecast Point	Forecast Period	<<======= Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
MISSOURI RIVER at Toston (2)	MAY-JUL	515	845	1070	63	1300	1630	1700
	MAY-SEP	620	1020	1290	63	1560	1960	2040
DEARBORN nr Craig	MAY-JUL	25	52	71	67	89	117	106
	MAY-SEP	28	57	76	69	95	124	110
MISSOURI RIVER at Fort Benton (2)	MAY-JUL	911	1399	1730	69	2061	2550	2500
	MAY-SEP	1101	1702	2110	69	2516	3121	3080
MISSOURI RIVER at Virgelle (2)	MAY-JUL	1104	1667	2050	71	2433	2997	2890
	MAY-SEP	1324	2006	2470	71	2936	3621	3500
MISSOURI RIVER nr Landusky (2)	MAY-JUL	1021	1622	2030	66	2438	3040	3080
	MAY-SEP	1262	1993	2490	66	2986	3721	3750
MISSOURI RIVER below Fort Peck (2)	MAY-JUL	1121	1722	2130	69	2540	3140	3080
	MAY-SEP	1328	2044	2530	69	3016	3731	3670
LAKE SAKAKAWEA Inflow (2)	MAY-JUL	3350	4690	5690	68	6610	8040	8370
	MAY-SEP	3920	5490	6660	68	7750	9420	9810

MISSOURI MAINSTEM RIVER BASIN
Reservoir Storage (1000 AF) - End of April

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
CANYON FERRY LAKE	2043.0	1604.0	1312.0	1483.5
HELENA VALLEY	9.2	8.9	9.0	7.6
LAKE HELENA	12.7	11.0	11.0	11.7
HAUSER & HELENA	74.6	74.2	74.3	60.1
HOLTER LAKE	81.9	80.6	80.9	77.1
FORT PECK LAKE	18910.0	8808.0	9544.0	15122.0

MISSOURI MAINSTEM RIVER BASIN
Watershed Snowpack Analysis - May 1, 2007

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
HEADWATERS MAINSTEM	9	63	63
SMITH-JUDITH-MUSSELSHELL	14	77	74
SUN-TETON-MARIAS	13	79	61
MAINSTEM ab FT PECK RES	35	75	66
MILK RIVER BASIN	3	789	173
MISSOURI MAINSTEM BASIN	37	77	67

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

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(2) - The value is natural volume - actual volume may be affected by upstream water management.
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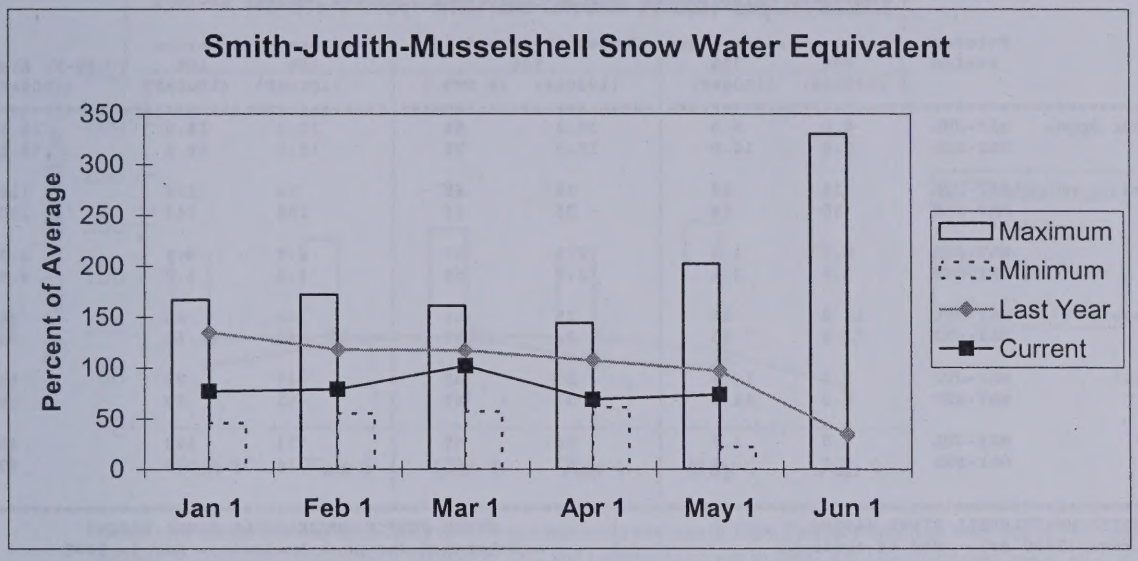
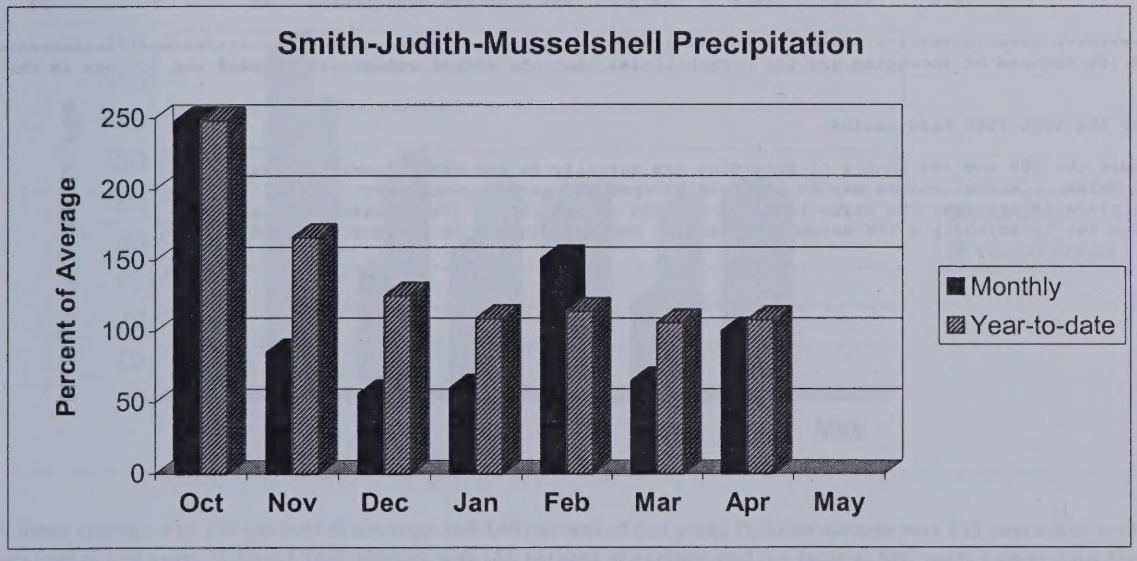
Smith-Judith-Musselshell River Basins

Snowpack in the Smith-Judith-Musselshell River Basins were below average, increased 5 percent from April 1, and was eighth lowest of record. Snow water content in the Smith River Basin was 69 percent of average and 75 percent of last year, and tied for sixth lowest of record with 1998 and 2001; the Judith River Basin was 82 percent of average and 77 percent of last year; the Musselshell Basin River was 62 percent of average, 97 percent of last year, and ninth lowest of record.



January maximum swe was established in 1997 and minimum swe in 1988; February maximum swe was in 1978 and minimum swe was in 1987; March maximum swe was in 1978 and minimum swe was in 1987 and 2005; April maximum swe was in 1970 and minimum swe was in 1992; and May maximum swe was in 1970 and minimum swe was in 1987; and June maximum swe was in 1967 and minimum swe was in 1987, 1992, 1994,and 2001. Average is for the period 1971 through 2000.

Mountain and valley precipitation during April in the Smith-Belts was 81 percent of average and 44 percent of last year; in the Judith was 108 percent of average and 65 percent of last year; and in the Musselshell was 106 percent of average and 81 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2006, was 108 percent of average and 86 percent of last year.



Smith River storage was 83 percent of average and 87 percent of last year; Ackley storage was 74 percent of average and 76 percent of last year; Bair storage was 58 percent of average and 74 percent of last year; Martinsdale storage was 38 percent of average and 33 percent of last year; and Deadman's Basin was 87 percent of average and 115 percent of last year.

Seasonal volume and snow melt peak flows and dates are discussed in the state-wide summary section.

Surface Water Supply Index (SWSI) was -0.7 in the Smith River; -2.4 in the Upper Judith River, and -2.9 in the Musselshell River.

SMITH-JUDITH-MUSSELSHELL RIVER BASINS
Streamflow Forecasts - May 1, 2007

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
SHEEP CREEK nr White Sulphur Spgs.	MAY-JUL	6.0	8.6	10.3	68	12.1	14.6	15.1
	MAY-SEP	7.8	10.9	12.9	71	15.0	18.1	18.1
SMITH RIVER abv Eagle Creek	MAY-JUL	24	55	74	65	93	124	114
	MAY-SEP	30	64	86	66	108	143	130
NF MUSSELSHELL nr Delpine	MAY-JUL	1.0	1.6	2.1	57	2.7	3.7	3.7
	MAY-SEP	1.4	2.1	2.7	59	3.4	4.7	4.6
SF MUSSELSHELL abv Martinsdale	MAY-JUL	11.0	20	29	63	40	60	46
	MAY-SEP	12.5	23	32	64	44	66	50
MUSSELSHELL at Harlowton (2)	MAY-JUL	0.0	10.4	29	45	47	75	65
	MAY-SEP	0.0	11.0	31	45	51	80	69
MUSSELSHELL nr Roundup (2)	MAY-JUL	0.0	1.6	36	45	71	122	80
	MAY-SEP	0.0	2.5	37	45	74	127	82

SMITH-JUDITH-MUSSELSHELL RIVER BASINS
Reservoir Storage (1000 AF) - End of April

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
SMITH RIVER	10.6	7.5	8.6	9.0
ACKLEY LAKE	7.0	2.8	3.7	3.8
BAIR	7.0	3.2	4.3	5.5
MARTINSDALE	23.1	5.3	16.1	13.8
DEADMAN'S BASIN	72.2	51.4	44.8	58.9

SMITH-JUDITH-MUSSELSHELL RIVER BASINS
Watershed Snowpack Analysis - May 1, 2007

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
SMITH	8	75	69
HIGHWOOD	0	0	0
JUDITH	6	77	82
MUSSELSHELL	5	97	62
SMITH-JUDITH-MUSSELSHELL	14	77	74

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

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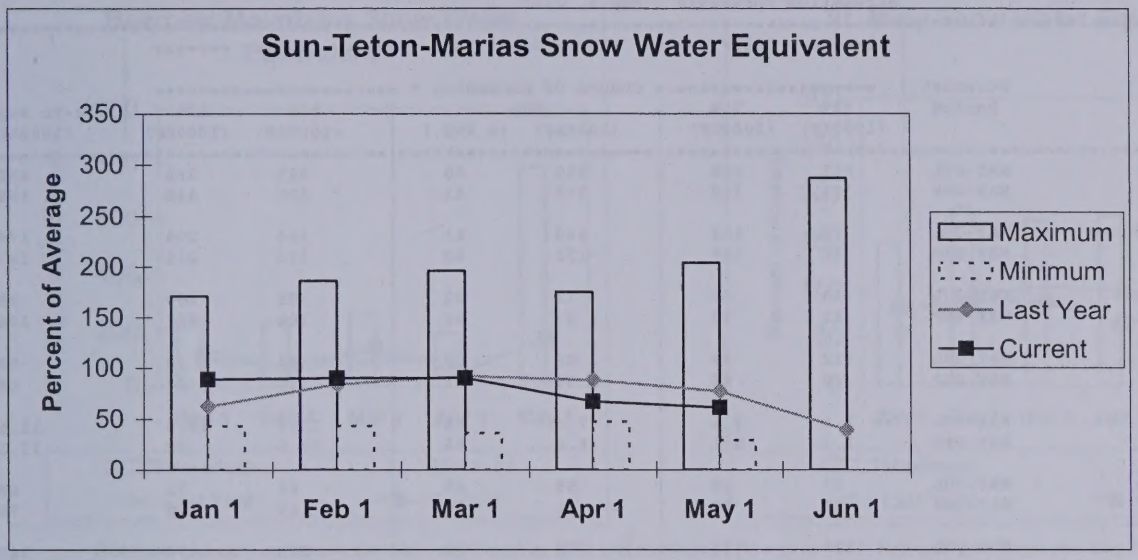
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

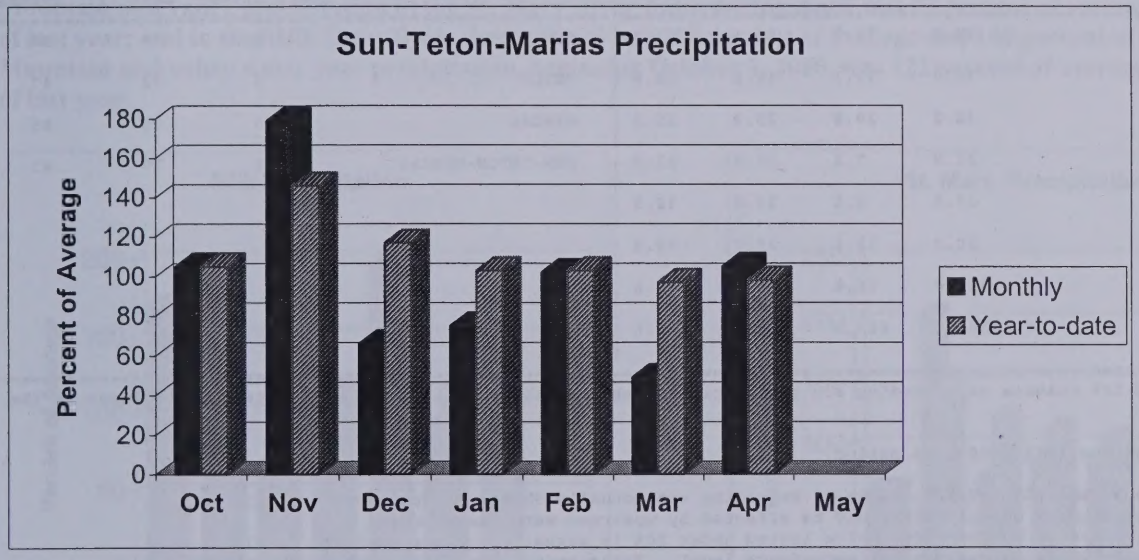
Sun-Teton-Marias River Basins

Snowpack in the Sun-Teton-Marias River Basins were well below average, decreased 6 percent from April 1, and was sixth lowest of record. Snow water content in the Sun River Basin was 50 percent of average and 64 percent of last year and tied for fourth lowest of average with 1998; in the Teton River Basin was 47 percent of average and 72 percent of last year, and sixth lowest of record; and in the Marias River Basin was 65 percent of average and 85 percent of last year, and seventh lowest of record.



January maximum swe was established in 1997 and minimum swe was in 1988; February maximum swe was in 1972 and minimum swe was in 2001; March maximum swe was in 1972 and minimum swe was in 2005; April maximum swe was in 1972 and minimum swe was in 2005; May maximum swe was in 1972 and minimum swe was in 1977; and June maximum was in 1972 and minimum swe was in 1987, 1992, and 1998. Average is for the period 1971 through 2000.

Mountain and valley precipitation during April in the Sun was 97 percent of average and 40 percent of last year; in the Teton was 126 percent of average and 104 percent of last year; and in the Marias was 98 percent of average and 97 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2006, was 98 percent of average and 98 percent of last year.



Gibson storage was 124 percent of average and 140 percent of last year; Pishkun storage was 113 percent of average and 170 percent of last year; Willow Creek storage was 118 percent of average and the same as last year; Lower Two Medicine Lake storage was 65 percent of average and 70 percent of last year; Four Horns Lake storage was 50 percent of average and 45 percent of last year; Swift storage was 103 percent of average and 122 percent of last year; Lake Frances storage was 51 percent of average and 82 percent of last year; and Lake Elwell (Tiber) storage was 101 percent of average and 89 percent of last year.

Seasonal volume and snow melt peak flows and dates are discussed in the state-wide summary section.

Surface Water Supply Index (SWSI) was -0.5 in the Sun River; -2.3 in the Teton River; -3.5 in the Birch/Dupuyer Creeks; and -1.8 in the Marias River above Tiber Reservoir and -2.6 in the Marias River below Tiber Reservoir.

SUN-TETON-MARIAS RIVER BASINS
Streamflow Forecasts - May 1, 2007

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter ======>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
GIBSON Reservoir Inflow	MAY-JUL	265	305	330	80	355	395	415
	MAY-SEP	305	350	375	81	405	445	465
TWO MEDICINE RIVER nr Browning	MAY-JUL	76	114	140	81	166	204	174
	MAY-SEP	86	124	150	80	176	215	187
BADGER CREEK nr Browning (2)	MAY-JUL	40	59	72	82	85	104	88
	MAY-SEP	53	73	87	84	101	121	104
SWIFT RESERVOIR Inflow	MAY-JUL	22	35	45	79	54	68	57
	MAY-SEP	30	46	56	81	66	81	69
DUPUYER CREEK nr Valier	MAY-JUL	1.0	4.2	7.4	64	11.6	19.5	11.6
	MAY-SEP	1.5	5.1	8.8	66	13.6	22	13.3
CUT BANK CREEK nr Browning	MAY-JUL	37	48	55	80	62	72	69
	MAY-SEP	42	53	61	80	68	80	76
MARIAS RIVER nr Shelby (2)	MAY-JUL	117	205	270	78	330	420	345
	MAY-SEP	118	220	285	77	350	450	370
TETON nr Dutton	MAY-JUL	8.4	18.1	28	67	41	67	42
	MAY-SEP	11.0	23	34	68	49	76	50

SUN-TETON-MARIAS RIVER BASINS
Reservoir Storage (1000 AF) - End of April

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
GIBSON	99.1	76.7	54.6	61.8
PISHKUN	32.0	29.1	17.1	25.8
WILLOW CREEK	32.2	29.8	29.8	25.3
LOWER TWO MEDICINE LAKE	11.9	7.2	10.3	11.0
FOUR HORNS LAKE	19.2	6.1	13.6	12.3
SWIFT	30.0	19.1	15.7	18.5
LAKE FRANCES	112.0	38.4	46.8	75.6
LAKE ELWELL (TIBER)	1347.0	663.5	741.5	658.6

SUN-TETON-MARIAS RIVER BASINS
Watershed Snowpack Analysis - May 1, 2007

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
SUN	6	70	54
TETON	4	72	47
MARIAS	6	85	65
SUN-TETON-MARIAS	13	79	61

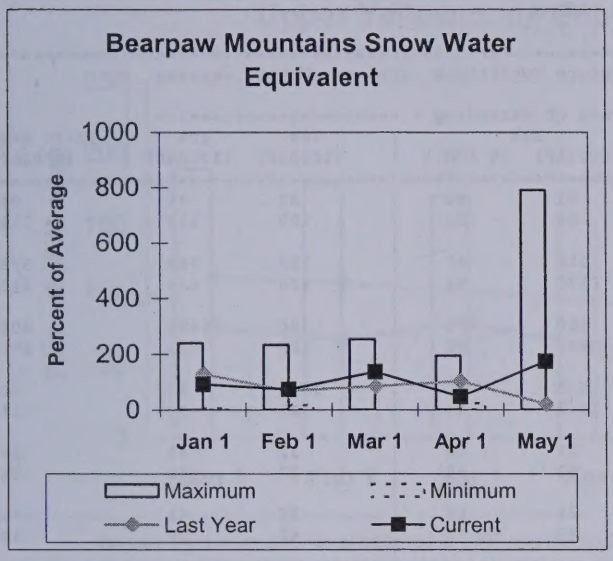
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

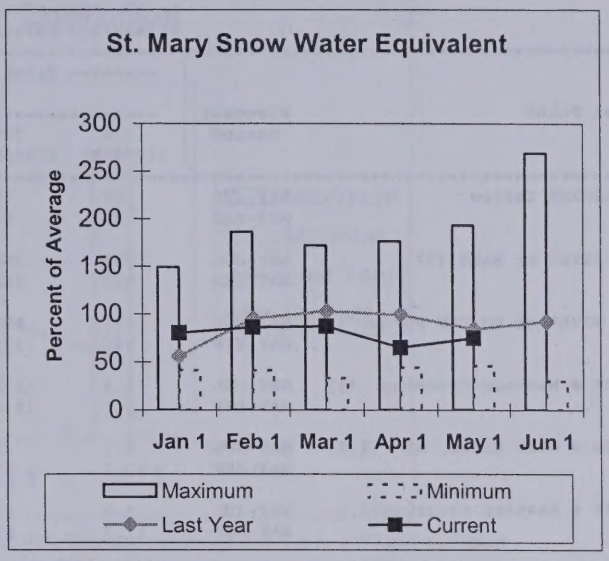
The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

St. Mary and Milk River Basins

Snowpack in the St. Mary and Milk River Basins were below average and increased 13 percent from April 1. The St. Mary snow water content was 75 percent of average and 89 percent of last year. The Bearpaw Mountains snowpack was 173 percent of average.

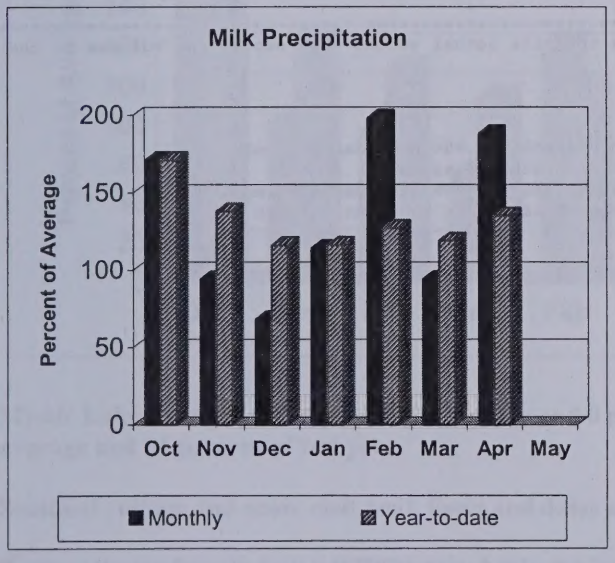


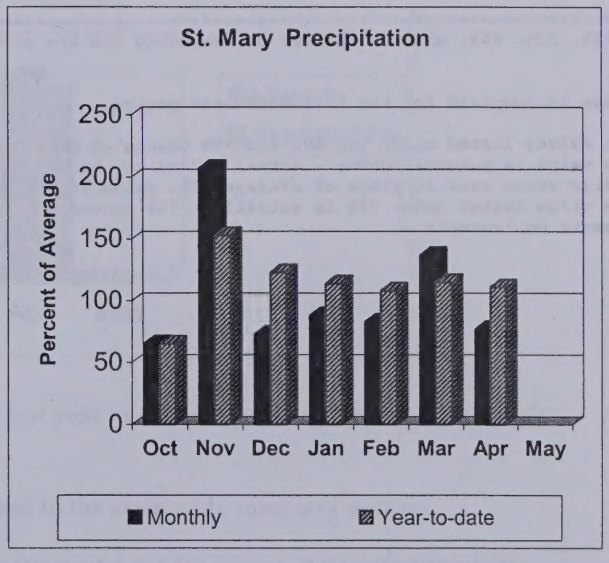


Bearpaw - January maximum swe was established in 1978 and minimum swe was in 1981; February maximum swe was 1978 and minimum was in 1973; March maximum swe was 1978 and minimum swe was 2005; April maximum swe was in 1985 and minimum swe was in 1973, 1983, and 1986; May maximum swe was 1975 and the minimum, 0.0, has occurred in several years. Average is for the period 1971 through 2000.

St. Mary - January maximum swe was established in 1997 and minimum swe was in 1988; February maximum swe was in 1972 and minimum swe was in 2001; March maximum swe was in 1972 and minimum swe was in 2005; April maximum swe was in 1967 and 1972 and minimum swe was in 2005; May maximum swe was in 19972 and minimum swe was in 1977; and June maximum swe was in 1972 and minimum swe was 1992. Average is for the period 1971 through 2000.

Mountain and valley precipitation in the St. Mary River Basin during April was 77 percent of average and 86 percent of last year; and in the Milk River Basin during April was 188 percent of average and 148 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2006, was 122 percent of average and 113 percent of last year.





Lake Sherburne storage was 70 percent of average and 104 percent of last year; Fresno storage was 102 percent of average and the same as last year; Beaver Creek was 112 percent of average and 102 percent of last year; and Nelson storage was 132 percent of average and 106 percent of last year.

Seasonal volume and snow melt peak flows and dates are discussed in the state-wide summary section.

Surface Water Supply Index (SWSI) was -1.1 for the St. Mary River -0.3 for the Milk River.

ST. MARY and MILK RIVER BASINS
Streamflow Forecasts - May 1, 2007

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
LAKE SHERBURNE Inflow	MAY-JUL	67	75	81	86	87	95	94
	MAY-SEP	80	90	96	86	102	112	112
ST. MARY RIVER nr Babb (2)	MAY-JUL	255	290	310	87	330	365	355
	MAY-SEP	310	350	375	88	400	440	425
ST. MARY RIVER at US/CAN Border (2)	MAY-JUL	285	330	360	90	390	435	400
	MAY-SEP	345	395	430	91	465	515	475
MILK RIVER @ Western Crossing (3)	MAY-JUL	4.4	12.8	16.3	82	19.4	27	20
	MAY-SEP	6.0	15.2	19.3	84	23	32	23
MILK RIVER @ Milk River, AB (2,3)	MAY-JUL	9.1	22	27	92	32	43	29
	MAY-SEP	10.7	25	32	90	37	50	36
MILK RIVER @ Eastern Crossing(2,3)	MAY-JUL	9.2	22	29	69	35	49	42
	MAY-SEP	11.2	27	35	72	42	58	49
BEAVER CREEK near Havre	MAY-JUL	2.7	4.7	6.0	86	8.7	12.8	7.0

ST. MARY and MILK RIVER BASINS
Reservoir Storage (1000 AF) - End of April

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
LAKE SHERBURNE	64.3	15.5	14.9	22.2
FRESNO	127.0	92.9	92.7	90.9
BEAVER CREEK	3.5	3.8	3.5	2.8
NELSON	66.8	56.3	53.3	42.7

ST. MARY and MILK RIVER BASINS
Watershed Snowpack Analysis - May 1, 2007

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
ST. MARY	8	89	75
BEARPAW MOUNTAINS	3	789	173
CYPRESS HILLS, CANADA	0	0	0
MILK RIVER BASIN	3	789	173
ST. MARY & MILK BASINS	11	93	76

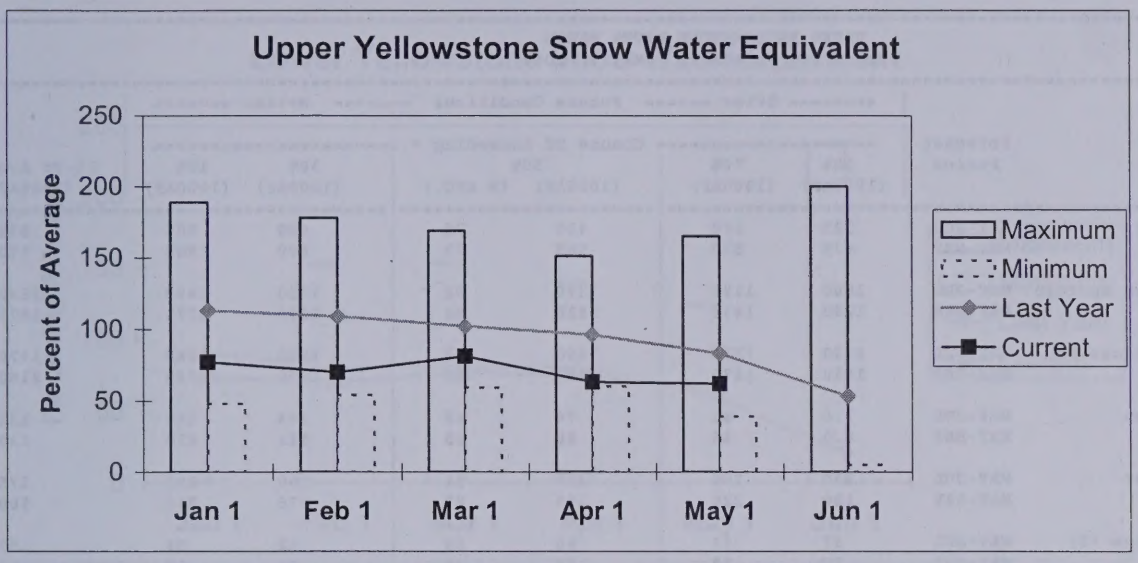
* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

(1) - The values listed under the 10% and 90% Chance of Exceeding are actually 5% and 95% exceedance levels.
(2) - The value is natural volume - actual volume may be affected by upstream water management.
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

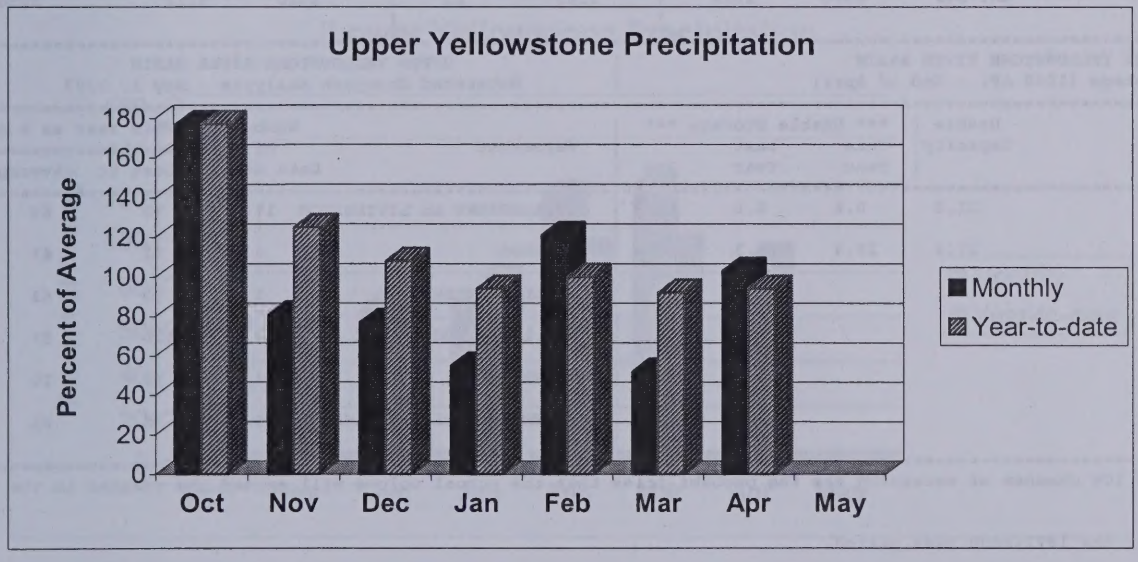
Upper Yellowstone River Basin

Snowpack in the Upper Yellowstone River Basin was well below average, decreased 3 percent from April 1, and tied for fifth lowest of record with 2001. Snow water content was 62 percent of average and 75 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 1988; February maximum swe was in 1997 and minimum swe was in 2001; March maximum swe was in 1997 and minimum swe was in 2001; April maximum swe was in 1997 and minimum swe was in 2001; May maximum swe was in 1997 and minimum swe was in 1987; and June maximum swe was 1996 and minimum swe was in 2001. Average is for the period 1971 through 2000.

Mountain precipitation during April was 97 percent of average and 109 percent of last year. Valley precipitation during April was 128 percent of average and 123 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2006, was 94 percent of average and 93 percent of last year.



Mystic Lake storage was 60 percent of average and 0 percent of last year and Cooney storage was 98 percent of average and 91 percent of last year.

Seasonal volume and snow melt peak flows and dates are discussed in the state-wide summary section.

Surface Water Supply Index (SWSI) was -1.9 in the Yellowstone River above Livingston; -2.6 in the Shields River; -2.5 in the Boulder River; -2.3 in the Stillwater River; -3.5 in the Rock/Red lodge Creeks; -2.1 in the Clarks Fork River; and -2.1 in the Yellowstone River above Bighorn River.

UPPER YELLOWSTONE RIVER BASIN
Streamflow Forecasts - May 1, 2007

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter =====>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
YELLOWSTONE at Lake Outlet	MAY-JUL	325	380	415	75	450	505	555
	MAY-SEP	475	530	565	73	600	655	770
YELLOWSTONE RIVER at Corwin Springs	MAY-JUL	1060	1190	1270	82	1350	1480	1550
	MAY-SEP	1290	1430	1530	82	1630	1770	1870
YELLOWSTONE RIVER near Livingston	MAY-JUL	1260	1370	1450	82	1530	1640	1770
	MAY-SEP	1530	1670	1760	82	1850	1990	2150
SHIELDS RIVER nr Livingston	MAY-JUL	7.0	48	76	63	104	145	121
	MAY-SEP	8.0	56	89	65	122	170	138
BOULDER RIVER at Big Timber	MAY-JUL	168	205	230	84	260	295	275
	MAY-SEP	180	220	245	82	275	315	300
MYSTIC LAKE Reservoir Inflow (2)	MAY-JUL	37	43	48	84	52	59	57
	MAY-SEP	50	58	63	85	67	75	74
STILLWATER RIVER nr Absarokee (2)	MAY-JUL	290	345	380	81	415	470	470
	MAY-SEP	360	415	455	81	495	550	560
CLARKS FORK RIVER nr Belfry	MAY-JUL	350	400	430	84	460	510	515
	MAY-SEP	385	435	470	83	505	555	570
COONEY RESERVOIR Inflow (2)	MAY-JUL	2.1	15.1	24	63	33	46	38
	MAY-SEP	10.1	23	32	65	41	54	49
YELLOWSTONE RIVER at Billings (2)	MAY-JUL	1780	2290	2630	81	2970	3480	3250
	MAY-SEP	2090	2690	3100	81	3510	4110	3850

UPPER YELLOWSTONE RIVER BASIN
Reservoir Storage (1000 AF) - End of April

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
MYSTIC LAKE	21.0	0.6	0.0	1.0
COONEY	27.4	20.4	22.3	20.9

UPPER YELLOWSTONE RIVER BASIN
Watershed Snowpack Analysis - May 1, 2007

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
YELLOWSTONE ab LIVINGSTON	17	72	65
SHIELDS	4	53	47
BOULDER-STILLWATER	4	72	63
RED LODGE-ROCK CREEK	7	120	57
CLARK'S FORK	7	80	70
UPPER YELLOWSTONE BASIN	35	75	62

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

The average is computed for the 1971-2000 base period.

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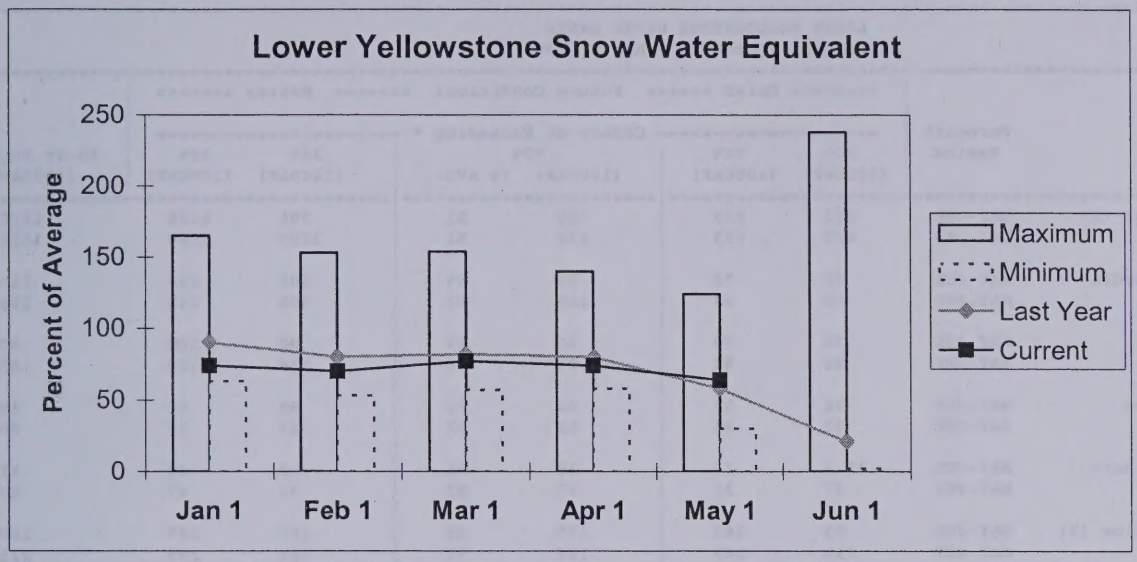
(3) - Median value used in place of average. The value listed under 30% is actually a 25% exceedance level. The value listed under 70% is actually a 75% exceedance level. Forecast issued in cooperation with Alberta Environment.

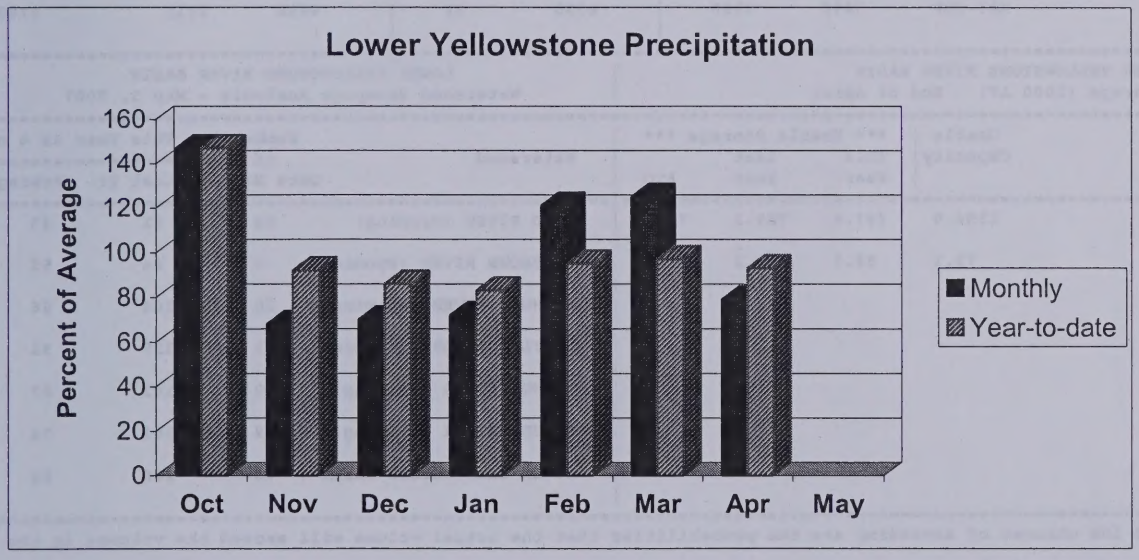
Lower Yellowstone River Basin

Snowpack in the Lower Yellowstone River Basin, in Wyoming, was well below average, decreased 10 percent from April 1, and was seventh lowest of record. Snow water content was 64 percent of average and 108 percent of last year.



January maximum swe was established in 1997 and minimum swe was in 2000; February maximum swe was in 1997 and minimum swe was in 2001; March maximum swe was in 1986 and minimum swe was in 2001; April maximum swe was in 1986 and minimum swe was in 2001; May maximum swe was in 1997 and minimum swe was in 1981; and June maximum swe was in 1995 and minimum swe was in 2001. Average is for the period 1971 through 2000.

Mountain and valley precipitation during April was 79 percent of average and 77 percent of last year. Mountain and valley water year precipitation, beginning October 1, 2006, was 93 percent of average and 92 percent of last year.



Bighorn Lake storage was 101 percent of average and 104 percent of last year and Tongue River storage was 188 percent of average and 112 percent of last year.

Seasonal volume and snow melt peak flows and dates are discussed in the state-wide summary section.

Surface Water Supply Index (SWSI) was -2.1 in the Bighorn River below Bighorn Lake; -0.1 in the Little Bighorn River; -2.1 in the Yellowstone River below Bighorn River; +1.8 in the Tongue River; and -1.5 in the Powder River.

LOWER YELLOWSTONE RIVER BASIN
Streamflow Forecasts - May 1, 2007

Forecast Point	Forecast Period	<<====== Drier ====== Future Conditions ======= Wetter ======>> Chance Of Exceeding * 90% (1000AF)	70% (1000AF)	50% (1000AF)	50% (% AVG.)	30% (1000AF)	10% (1000AF)	30-Yr Avg. (1000AF)
BIGHORN RIVER nr St. Xavier (2)	MAY-JUL	365	595	750	51	905	1135	1470
	MAY-SEP	405	655	830	51	1005	1260	1630
LITTLE BIGHORN RIVER nr Hardin	MAY-JUL	59	78	93	85	105	124	110
	MAY-SEP	68	89	105	83	120	142	126
TONGUE RIVER nr Dayton (2)	MAY-JUL	55	70	80	89	90	105	90
	MAY-SEP	66	82	93	90	104	120	103
BIG GOOSE CREEK nr Sheridan	MAY-JUL	24	37	45	92	53	66	49
	MAY-SEP	32	44	53	91	62	74	58
LITTLE GOOSE CREEK nr Big Horn	MAY-JUL	19.6	25	29	91	33	38	32
	MAY-SEP	27	33	37	93	41	47	40
TONGUE RIVER RESERVOIR Inflow (2)	MAY-JUL	93	142	175	88	207	257	199
	MAY-SEP	111	163	199	88	234	289	225
YELLOWSTONE RIVER at Miles City (2)	MAY-JUL	2190	2950	3470	71	3990	4750	4890
	MAY-SEP	2580	3470	4080	71	4690	5580	5740
POWDER RIVER at Moorehead	MAY-JUL	6.0	68	110	62	152	214	178
	MAY-SEP	24	87	130	65	173	234	200
POWDER RIVER near Locate	MAY-JUL	74	104	125	64	146	176	195
	MAY-SEP	82	117	140	64	163	198	220
YELLOWSTONE RIVER nr Sidney (2)	MAY-JUL	2120	2900	3420	69	3940	4720	4950
	MAY-SEP	2490	3390	4000	69	4610	5510	5760

LOWER YELLOWSTONE RIVER BASIN
Reservoir Storage (1000 AF) - End of April

Reservoir	Usable Capacity	*** Usable Storage *** This Year	Last Year	Avg
BIGHORN LAKE	1356.0	797.8	768.1	791.9
TONGUE RIVER	79.1	59.7	53.3	31.7

LOWER YELLOWSTONE RIVER BASIN
Watershed Snowpack Analysis - May 1, 2007

Watershed	Number of Data Sites	This Year as % of Last Yr	Average
WIND RIVER (Wyoming)	20	81	47
SHOSHONE RIVER (Wyoming)	6	84	56
BIGHORN RIVER (Wyoming)	20	104	66
LITTLE BIGHORN (Wyoming)	3	139	93
TONGUE RIVER (Wyoming)	10	141	87
POWDER RIVER (Wyoming)	9	141	74
LOWER YELLOWSTONE BASIN (	48	108	64

* 90%, 70%, 50%, 30%, and 10% chances of exceeding are the probabilities that the actual volume will exceed the volumes in the table.

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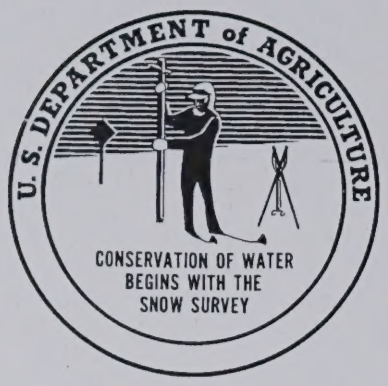

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Montana
Water Supply Outlook Report

Natural Resources Conservation Service
Bozeman, MT